

# **Konica Minolta Firmware LIST and Basic Troubleshooting Guide**

**Updated: Nov 28, 2011**



**KONICA MINOLTA**

The essentials of imaging

## HOTLINE SUPPORT: 1-800-825-5664

**Note:** Have your Ticket Number available if you are calling on an existing Ticket.

Web Address: [www.mykonicaminolta.com](http://www.mykonicaminolta.com)

Download Selector: <http://onyxweb.mykonicaminolta.com/Download/>

**NCSC please use the main number 1-800-456-5664**

Fax number: **1-800-967-0410**

Technician Phone Number: **1-800-846-3302**

NCSC Service Email Address: [ncscsrcv@kmbs.konicaminolta.us](mailto:ncscsrcv@kmbs.konicaminolta.us)

NCSC Supply Email Address: [supplies@kmbs.konicaminolta.us](mailto:supplies@kmbs.konicaminolta.us)

Web Address: [www.mykmbs.com](http://www.mykmbs.com)  
[www.kmbs.konicaminolta.us](http://www.kmbs.konicaminolta.us)

FTP Site: <ftp://onyxftp.mykonicaminolta.com>

**Need Assistance?**  
**SAP, PC Problems, Email, Internal Network, etc.**  
**Call the ITS Help Desk**  
**Hours: 8 am - 8pm ET**  
**[For KMBS Employees Only]**



**Ext. 5360 (Ramsey)**  
**1- 877- 912- 8081**



**KONICA MINOLTA**

**Updated Information**  
as of Nov 28, 2011

**IC-305 v3.0**

**IC-306**

**IC-406 v1.01**

**IC-408 v2.0**

**IC-409 v1.01**

**IC-412 v1.1**

**bizhub 223**

**bizhub 423**

**C452-C652DS**

**Voltage Check 120VAC, 220VAC, 250VAC**



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How to Test Outlet Voltages

How to Check Color MFP Firmware

Basic Copier Process

Color Basic Information

Comparison Chart



# KONICA MINOLTA

## LEGEND

<b>YELLOW</b>	Most Current Updated Firmware and / or Updated Patches
<b>RED</b>	Critical Base Firmware and /or Critical Base Patch [Need to have]
<b>Blue</b>	Remote Desktop
<b>Light Green</b>	Security Patch / Vulnerability Patch [use Remote Desktop]

## TOOLS NEEDED FOR UPGRADING FIRMWARE

- 1** 8 MB Programable Flash Cards , AMD "D" Series, Type 1 Linear  
5 volts only, operation with minimum of 200 ns Access Time from Standby.
- 2** 16 MB Programable Flash Cards , AMD "D" Series, Type 1 Linear  
5 volts only, operation with minimum of 200 ns Access Time from Standby.
- 3** 32MB CF Card Only [Flash Memory Card] - Drag and Drop for B/W Units. **FAT32 Format**
- 4** 128MB CF Card Only [Flash Memory Card] - use **CYGWIN** or **Firmware Imaging Tool**. **VxWorks Format**
- 5** 512MB USB Flash drive and Above
- 6** ISW version 3.42e using an IEEE 1284 Bi-Directional Cable [Parallel Cable/ USB]
- 7** ISW version 3.65e using an IEEE 1284 Bi-Directional Cable [Parallel Cable/ USB]
- 8** ISW using a USB Type A Male to Type B Male Cable
- 9** Internet ISW
- 10** USB Cable [TWAIN]



**KONICA    LEGACY**

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Konica Legacy Black and White Models					
7020	Image	32			7
	Control	33CIS0			
	KN-303	5.76d		file: <a href="#">kn3576d.exe</a>	
IP-421	IP Controller	5.5.5		file: <a href="#">PCL-CF-UPDATE</a>	
	IP Controller	5.5.5		file: <a href="#">PCL-PARALLEL-UPDATE</a>	
	Patch_Mod	5.5.5e		file: <a href="#">13jbpt555es1.exe</a>	
7022	Image	15			7
	Control	17			
	422_NIC	6.34b		file: <a href="#">ver_ter634b.exe</a>	
IP-422	IP Controller	5.10.0		PCL-PARALLEL file: <a href="#">13sqdrnt5100.exe</a>	
	IP Controller	5.10.0		PCL-PS-UPDATE file: <a href="#">13stdrnt5100.exe</a>	
	423_NIC	6.34b		file: <a href="#">ver_ter634b.exe</a>	
IP-423	IP Controller	5.10.0		PCL-PARALLEL file: <a href="#">13wkdrnt5100.exe</a>	
	IP Controller	5.10.0		PCL-PS-UPDATE file: <a href="#">13wndrnt5100.exe</a>	
	Patch_Mod	5.10.0a_patch		file: <a href="#">13wkfw5100as1.exe</a>	
7025	Image	32			7
	Control	33			
	KN-303	5.76d		file: <a href="#">kn3576d.exe</a>	
IP-421	IP Controller	5.5.5		file: <a href="#">PCL-CF-UPDATE</a>	
	IP Controller	5.5.5		file: <a href="#">PCL-PARALLEL-UPDATE</a>	
	Patch_Mod	5.5.5e		file: <a href="#">13jbpt555es1.exe</a>	
7030	Image	32			7
	Control	33CIS0			
	KN-303	5.76d		file: <a href="#">kn3576d.exe</a>	
IP-421	IP Controller	5.5.5		file: <a href="#">PCL-CF-UPDATE</a>	
	IP Controller	5.5.5		file: <a href="#">PCL-PARALLEL-UPDATE</a>	
	Patch_Mod	5.5.5e		file: <a href="#">13jbpt555es1.exe</a>	
7035	Image	18			7
	Control	33CIS0			
	KN-303	5.76d		file: <a href="#">kn3576d.exe</a>	
IP-421	IP Controller	5.5.5		file: <a href="#">PCL-CF-UPDATE</a>	
	IP Controller	5.5.5		file: <a href="#">PCL-PARALLEL-UPDATE</a>	
	Patch_Mod	5.5.5e		file: <a href="#">13jbpt555es1.exe</a>	
7130	Image	15			7
	Control	17UFL0			
	422_NIC	6.34b		file: <a href="#">ver_ter634b.exe</a>	
IP-422	IP Controller				
	IP Controller				
	423_NIC	6.34b		file: <a href="#">ver_ter634b.exe</a>	
IP-423	IP Controller	5.10.0		PCL-PARALLEL file: <a href="#">13wkdrnt5100.exe</a>	
	IP Controller	5.10.0		PCL-PS-UPDATE file: <a href="#">13wndrnt5100.exe</a>	
	Patch_Mod	5.10.0a_patch		file: <a href="#">13wkfw5100as1.exe</a>	
7135	Image	15			7
	Control	17UFL0			
	423_NIC	6.34b		file: <a href="#">ver_ter634b.exe</a>	
IP-423	IP Controller	5.10.0		PCL-PARALLEL file: <a href="#">13wkdrnt5100.exe</a>	
	IP Controller	5.10.0		PCL-PS-UPDATE file: <a href="#">13wndrnt5100.exe</a>	
	Patch_Mod	5.10.0a_patch		file: <a href="#">13wkfw5100as1.exe</a>	
7145	Image	21			7
	Control	32 or 41		**Version 32 is for Type 1 Control Boards. Version 41 is for Type 2 Control Boards	
IP-432	IP Controller	25.12.0		PCL-PARALLEL-UPDATE file: <a href="#">13wbdrkm25120.exe</a>	
	IP Controller	25.12.0		PCL-PS-PARALLEL-UPDATE file: <a href="#">13wgdrkm25120.exe</a>	
7222	Image	11			7
	Control	11 CLP0			
IP-424	IP Controller	25.10.0		PCL-PS-PARALLEL-UPDATE file: <a href="#">14nbdrrkm25100.exe</a>	
7228	Image	11			7
	Control	11 CLP0			
IP-424	IP Controller	25.10.0		PCL-PS-PARALLEL-UPDATE file: <a href="#">14nbdrrkm25100.exe</a>	

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Konica Legacy Black and White Models					
7235	Image	11			7
	Control	11 CLP0			
IP-424	IP Controller	25.10.0		PCL-PS-PARALLEL-UPDATE file: <a href="#">14nbdrkm25100.exe</a>	
7155	Image	53			7
	Control	41			
	511_NIC	6.34b		file: <a href="#">ver_ter634b.exe</a>	
IP-511	IP Controller	6.3.0		file: <a href="#">13rpdnt630.exe</a>	
	IP Controller	6.2.0		** BASE file: <a href="#">13rpfw620p.exe</a>	
7165	Image	53			7
	Control	41			
	511_NIC	6.34b		file: <a href="#">ver_ter634b.exe</a>	
IP-511	IP Controller	6.3.0		file: <a href="#">13rpdnt630.exe</a>	
	IP Controller	6.2.0		** BASE file: <a href="#">13rpfw620p.exe</a>	
Force 65	Image	53			7
	Control	41			
	511_NIC	6.34b		file: <a href="#">ver_ter634b.exe</a>	
IP-511	IP Controller	6.3.0		file: <a href="#">13rpdnt630.exe</a>	
	IP Controller	6.2.0		** BASE file: <a href="#">13rpfw620p.exe</a>	
7255	Image	13-ULN0			7
	Control	16			
	511A_NIC	6.34b		file: <a href="#">14kwknfw34bs1.exe</a>	
IP-511A	IP Controller	26.4.3		file: <a href="#">14kxptkm2643s1.exe</a>	
7272	Image	13			7
	Control	16			
	511A_NIC	6.34b		file: <a href="#">14kwknfw34bs1.exe</a>	
IP-511A	IP Controller	26.4.3		file: <a href="#">14kxptkm2643s1.exe</a>	
7075	Image	55-68			7
	Control	57			
	Operation	52			
	Video	22			
IP-601	IP Controller	5.5.4h		file: <a href="#">13jmpt554hs1.exe</a>	
IP-601M	IP Controller	5.5.8d		file: <a href="#">13sbpt558ds1.exe</a>	
Force 75	Image	25-46			7
	Control	57			
	Operation	24			
IP-601	IP Controller	5.5.4h		file: <a href="#">13jmpt554hs1.exe</a>	
IP-601M	IP Controller	5.5.8d		file: <a href="#">13sbpt558ds1.exe</a>	
7085	Image	44			7
	Control	20			
	Operation	43			
	Video	12			
	KN-306	6.34a		file: <a href="#">13tjknfw634as1.exe</a>	
IP-602	IP Controller	26.5.0		FLOPPY-UPDATE file: <a href="#">13tbfwkm2650.exe</a>	
Force 85	Image	44			7
	Control	20			
	Operation	43			
	KN-306	6.34a		file: <a href="#">13tjknfw634as1.exe</a>	
IP-602	IP Controller	26.5.0		FLOPPY-UPDATE file: <a href="#">13tbfwkm2650.exe</a>	





MINOLTA

MINOLTA LEGACY



MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Minolta Legacy Black and White Models					
Di450	IC1A	4003-50G0-36-00	3103 L	PWB-A	1
	IC-353B	4002-F0G0-A1-00	3103L	PWB-B	
	IC5W	4002-90G0-09-00	3103L	PWB-W [Interface Board]	
Di470	IC1A	4028-50G0-06-00	4268D	PWB-A	1
	IC-353	4028-F0G0-32-00	4268D	PWB-B	
	IC5W	4002-90G0-09-00	4268D	PWB-W [Interface Board]	
Di520	IC2A	50Y506	2379c		
		50H512	2617d	Auto Ejection Draws	
		50H512	2617d	Pull Out Draws	
Di550	IC1A	4002-50G0-36-00	3103 L	PWB-A	1
	IC-353B	4002-F0G0-A1-00	3103 L	PWB-B	
	IC5W	4002-90G0-09-00	3103L	PWB-W [Interface Board]	
Di551	Image Control I1	52-0000	3897E	ver 52	6
	Image Control I2	52-0000	3897E		
	Image Control I3	52-0000	3897E		
	Image Control I4	52-0000	3897E		
	Image Control I5	52-0000	3897E	ISW ver 3.42e Konica Minolta FTP	
	Printer Control C1	39-0000	3897E	ver 41	
	Printer Control C2	13-0000	3897E		
	Printer Control C3	14-0000	3897E		
	Printer Control C4	11-0000	3897E		
	Printer Control C5	15-0000	3897E		
	VIF	07-0000	3897E		
	Finisher N-FN-6	23-0000	3897E		
Di620	IC2A	50G018	2379c		
		50G024	2617d	Auto Ejection Draws	
		50H024	2617d	Pull Out Draws	
	IC21B	80G009	2379c		
	IC21B	80H000	2617d		
	IC2W	90G017	2379c/2617d		
	IC3W	90G017	2379c/2617d		
	IC26IB	23G035	2379c		
	IC26IB	23H006	2617d		
	IC70B	10G055	2379c		
	IC70B	10H027	2617d		
Di650	Image Control I1	52-0000	3481J	ver 52	6
	Image Control I2	52-0000	3481J		
	Image Control I3	52-0000	3481i		
	Image Control I4	52-0000	3481J		
	Image Control I5	52-0000	3481J	ISW ver 3.42e Konica Minolta FTP	
	Printer Control C1	39-0000	3481J	ver 41	
	Printer Control C2	16-0000	3481J		
	Printer Control C3	17-0000	3481J		
	Printer Control C4	11-0000	3481J		
	Printer Control C5	15-0000	3481J		
	Finisher N FN-6/112	23-0000	3481J		
	VIF V	07-0000	3481J		

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
Minolta Legacy Black and White Models					Please See Page 05
Di750	Status Control 1	56-68	3061f		6
	Printer Control C1	57	3061f		
	Printer Control C2	33	3061f		
	Printer Control C3	21	3061f		
	Printer Control C4	51	3061f		
	Operation 01	52-68	3061f	Please read the bulletin regarding this version	
	Operation 02	52-68	3061f		
	Operation 03	52-68	3061f		
	Operation 04	52-68	3061f		
	Operation 05	52-68	3061f		
	EDH F	31	3061f		
	VIF V	22	3061f		
	ISW	3.39e or higher	3529a	3104-instructions	
Di750PE	Status Control 1	56-00	3061e		6
	Printer Control C1	57	3061e		
	Printer Control C2	33	3061e		
	Printer Control C3	21	3061e		
	Printer Control C4	51	3061e		
	Operation 01	24	3061e		
	Operation 02	24	3061e		
	Operation 03	24	3061e		
	Operation 04	24	3061e		
	Operation 05	24	3061e		
	EDH F	00	3061e		
	VIF V	22	3061e		
Di850	Image	45-00	3976d	ver 45	6
	Printer Control C1	18	3976d	ver 20	
	Printer Control C2	11	3976d		
	Printer Control C3	14	3976d		
	Printer Control C4	11	3976d		
	Operation 01	41	3976d	ver 41	
	Operation 02	41	3976d	ISW ver 3.42e Konica Minolta FTP	
	Operation 03	41	3976d		
	Operation 04	41	3976d		
	Operation 05	41	3976d		
	EDH F	11	3976d		
	Finisher N	15	3976d		
	VIF V	14	3976d		
	Punch z- folding h	40	3976d		
	Punch h	32	3976d		
Di5510	Image control I-1	13-CMB0	4653B	ver 13-CMB0 file: <a href="#">56tei013cmb0.exe</a>	6
	Image control I-2	10-0000	4653B		
	Image controll I-3	10-0000	4653B		
	Image controll I-4	10-0000	4653B		
	Image control I-5	10-0000	4653B	ISW ver 3.42e Konica Minolta FTP	
	Print control C-1	14-0000	4653B		
	Print control C-2	11-0000	4653B		
	Print control C-3	14-0000	4653B		
	Print control C-4	10-0000	4653B		
	Print control C-5	15-0000	4653B		
	Finisher N	32-0000	4653B	For FN-121 / FN-10 only	
Di7210	Image control I-1	13-CMB0	4654B	ver 13-CMB0 file: <a href="#">56rei013cmb0.exe</a>	6
	Image control I-2	10-0000	4654B		
	Image controll I-3	10-0000	4654B		
	Image controll I-4	10-0000	4654B		
	Image control I-5	10-0000	4654B		
	Print control C-1	14-0000	4654B	ISW ver 3.42e Konica Minolta FTP	
	Print control C-2	11-0000	4654B		
	Print control C-3	14-0000	4654B		
	Print control C-4	10-0000	4654B		
	Print control C-5	15-0000	4654B		
	Finisher N	32-0000	4654B	For FN-121 / FN-10	

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
Minolta Legacy Color Models					Please See Page 05
CF900	IC2C	51G039	2352		
	IC89C	49G024	2352		
	IC93C	00G0A7	2352		
	IC94C	00G0A7	2352		
	IC2I	50G035	2352		
CF910	IC2I	50G014-00	2516		
	SMP	00G216-00	2516	SPECIAL	
	SMP	00G01A-00	3153		
	SMP	00G01B-00	3152	SPECIAL	
	IC21	50G017-00	3153		
	SMP	00G023-00	3153		
	SMP	00G024-00	3152	SPECIAL	
CF911P	IC2I	50G014	2609		
	SMP/FLASH	00G110-00	2609		
CF9001	Engine	00G0-24	3543a		
	IR	23G0-07	3543a		
CF1501	MSC/PANEL	4004-00G0-47-00	4011B	FLASH CARD Ver. 52	1
	IR	4005-23G0-05-00	4011B	FLASH CARD Ver.52	
	PRINTER	4004-50G0-24-01	4011B	FLASH CARD Ver.52	
	PIC	4004-52G0-12-00	4011B	FLASH CARD Ver. 52	
CF2001	MSC/PANEL	4004-00G0-47-00	4012B	FLASH CARD Ver. 52	1
	IR	4005-23G0-05-00	4012B	FLASH CARD Ver. 52	
	PRINTER	4004-50G0-24-00	4012B	FLASH CARD Ver. 52	
	PIC	4004-52G0-12-00	4012B	FLASH CARD Ver. 52	
CF2001P	MSC/PANEL	4004-00G0-47-00	4013B	FLASH CARD Ver.52	1
	PRINTER	4004-50G0-24-00	4013B	FLASH CARD Ver.52	
	PIC	4004-52G0-12-00	4013B	FLASH CARD Ver.52	
	Service Utility	4004-2BG0-00 v1.0	3477	3462-set up guide	



**KONICA MINOLTA**

**Fax/ Multifunction**





**KONICA MINOLTA**

**Print Controllers & Print Servers**



MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Non-Fiery Print Controllers					
CN3101e	APP	4334-30G0-66-00	4631		
CF2002-CF3102	MIOSS	4334-3FG0-04-00	4631	PCL ONLY Controller	
IP-711	APP	4334-30G0-66-00		ver 68 file: <a href="#">IP711_v68.exe</a>	
8020-8031				PCL ONLY Controller	
Pi1802e	NIC	A.38	4039		
Di152-Di183F	Controller (PCL)	1.27	4039		
	w/ Fax	1.47	3616	file: <a href="#">v147tp1.zip</a>	
	Non-Fax	1.52	3616	Note: Fax version may need to install EPROM on PWB-C # 4021-6611-01	
Pi1803e	Controller (PCL)	ver 2.0		ver 2.0	
Di1811p				file: <a href="#">A3SA4SV200PCLF00.bin</a>	
Pi3502	NIC Card	6.33A	4672		
Di200-Di351f	Controller (PCL)	2.05AS	3386A		
	Controller (PS)	2.05S	3385A	Smart Media Card Must be Purchased for PostScript type Chip	
Pi3505e	Phase 3.5	4030-10HJ-66-02	4886	ver 66 Phase 3.5	
PCL	NIC Card	B2A	4888	32MB Compact Flash Card	
Di2010-Di3510f			4397	Upgrade Procedure Drag & Drop	
Pi3505e	Phase 2.5	4030-10HK-66-02	4886	ver 66 Phase 3.5	
PS	NIC Card	B2A	4888	32MB Compact Flash Card	
Di2010-Di3510f			4397	Upgrade Procedure Drag & Drop	
Pi4700e	NIC Card	6.33A	4671		
Di470	Controller	4	3965		
Di450, Di550	NIC Card	6.33A	4671	downgrade for Di450 / Di550 Compatibility	
	Controller	1.02	4772	this must be done while connected to a Di470	
				Solutions Database Answer ID # 4772	
				Peripheral Mode	
			Mode 2	Controller Type 6 with HDD	
			Mode 3	Controller Type 6 without HDD	
Pi5501	NIC Card	6.33A	4672		
	Controller	3.2	4672		
Di450, Di550				Peripheral Mode	
			Mode 5	Scan to e-mail, scan to FTP	
Black and White Fiery Print Controllers					
Pi5500	Controller	ver 2.0		System Software	
Di450, Di550	Patches	1-2IORP	3548	Generic MIB	
Di470	Patches	2-4CB77	3590	Correct Free Form issues	
	Patches	3-5Q7BX	3815	C++ and Registry Errors WINNT4.0	
				Peripheral Modes	
			Mode 3	scan to HDD Pi5500	
			Mode 4	scan to HDD, scan to e-mail Pi5500	

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Black and White Fiery Print Controllers					
<b>Pi6200</b>	<b>Controller</b>	<b>ver 1.11</b>		<b>System Software</b>	
Di520, Di620	Patches	1-13BFM.PS	3179	A4 and A3 issues	
<b>Pi6500 Pro</b>	<b>Controller</b>	<b>ver 1.0</b>		<b>System Software</b>	
Di551, Di650	Patches	1-2I0RP	4399A	Generic MIB	
	Patches	2-5403P	4399A	Restart / Hang	
	Patches	3-4KB5H	4399A	Free Form Issue	
<b>External</b>	Patches	4-5XLM1	4399A	Euro Characters	
	Patches	5-7WUW1	4399A	Apache Web Server	
	Patches	6-8FMQO	4399A	Open PORTS	
	Patches	7-647FI	4399A	Quark & Adobe	
	Patches	8-8JUL9	4399A	Controller Initializing	
	Patches	9-9IL4R	4399A	Uploading Data	
	Patches	10-7ZHIC	4399A	Duplex Issue	
	Patches	11-9L4SV	4399A	SEAC Issue	
	Patches	12-9FC5L	4399A	DocBuilder	
	Patches	13-CX18E	4399A	LPR PORT 515	
<b>Pi6500e PCL</b>	<b>Controller</b>	<b>ver 1.1i</b>	<b>4394</b>		
Di551, Di650		1-minolta.pcl		MIB PATCH	
<b>Pi6500e+HDD</b>	<b>Controller</b>	<b>ver 1.1e</b>		<b>System Software</b>	
Di551, Di650	Patches	minolta	4403C	Generic MIB	
	Patches	1-BZCYP	4403C	MegaPatch	
<b>Internal</b>	Patches	2-FQFQA03034-A	4403C	Pagescope Light	
	Patches	3-A0FN9	4403C	Appletalk	
	Patches	4-DBR3D	4403C	Concurrency Issue	
	Patches	5-EP5SP	4403C	Scan Reboot	
	<b>Patches</b>	<b>1-PRA25</b>		<a href="#">file: fiery_apachev1337_pt1pra25.exe</a> Apache version 1.337	
<b>Pi7200e PCL</b>	<b>Controller</b>	<b>ver 1.0</b>		<b>System Software</b>	
Di5510, Di7210	Patches	1-703NE	4678	KM MIB	
<b>Pi7200e</b>	<b>Controller</b>	<b>ver 1.0a</b>	<b>4671</b>	<b>System Software</b>	
PS+HDD	Patches	1-703NU	4897A	KM MIB	
Di5510, Di7210	Patches	2-EP7SX	4897A	Concurrency Issue Fiery restarts automatically and scanned data is lost when scan over 540	
	Patches	3-EY9DB	4879A	Large Scan Jobs "Now Uploading Data" issue	
	Patches	4-HOBAJ		Scanning to e-mail: incorrect time stamp issue	
<b>Internal</b>	Patches	5-JT1MR		Qmail Server work with Fiery	
	<b>Patches</b>	<b>6-PRA25</b>		<a href="#">file: fiery_apachev1337_pt1pra25.exe</a> Apache version 1.337	
<b>Pi7500</b>	<b>Controller</b>	<b>ver 2.0</b>	<b>4631</b>	<b>System Software</b>	
Di750	Patches	1-2I0RP	4402	Generic MIB	
	Patches	2-4Q76U	4402	Free Form Issue	
	Patches	3-6REJ2	4402	Euro Characters	
<b>External</b>	Patches	4-7WUW1	4402	Apache Web Server	
	Patches	5-8FMR1	4402	Open PORTS	
	Patches	6-728QA	4402	Overrides	
	Patches	7-647FP	4402	Quark & Adobe	
	Patches	8-9IL4P	4402	Uploading Data	
	Patches	9-7ZHIS	4402	Binding Issue	
<b>Pi8500 Pro</b>	<b>Controller</b>	<b>ver 1.01W</b>		<b>System Software</b>	
Di850	Patches	1-2I0RP	500_PATCH_FILES.c	Generic Konica Minolta MIB	
	Patches	2-9L4TG		SEAC Accounting Patch. Margin/Alignment Issues	
<b>External</b>	Patches	3-9W4VP		Samba Print Port Security	
	Patches	4-D915K		Booklet missing from WebSpooler and CWS Property	
	Patches	5-EK8V9		Now Uploading Data -[1-CSUX9] [1-7ZJH8] [1-9IL4Q]	

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Color Fiery Print Controllers					
CN3102e PRO	Controller	ver 2.0		System Software	
S300	Patches	1-A0ZXT		Disables TCP Acknowledgement on Server	
CF3102	Patches	1-A0ZXT-r		Enables TCP Acknowledgement on Server	
8031	Patches	1-AUKZH		Grayscale output counted	
EXTERNAL	Patches	1-APZMP		Critical Cumulative Patch- Scanning Issues	
		1-G6ZLT		File: secoc2004.exe	
		1-FIFF9			
	Patches	1-E4VH1		Enables Remote Desktop	
	Patches	1-E4VH1-R		Disables	
	Remote Desktop	1-G88R5			
	Patches	1-DSRD9		Cumulative Security Patches	
	Patches	1-H23O1		Installs Automatic Update Utility for Microsoft	
SECURITY PATCHES					
	Local Install	PATCH	Microsoft Patch	Patch File Name	
	Remote Desktop	1-AXLE9	MS03-039	file: 1-AXLE9	
	Remote Desktop	1-D4VEP		file: 1-D4VEP Cumulative Patch	
	Remote Desktop	1-H219X	MS04-040	File: 1-h219.exe	
	Remote Desktop	1-H911T	MS04-043	File: 20atptsecjan2005s1.exe	
	Remote Desktop	1-H9123	MS04-041		
	Remote Desktop	1-H9128	MS04-044		
	Remote Desktop	1-HI7G9	MS05-001	File: 20atptsecfeb2005.exe	
	Remote Desktop	1-HI7GE	MS05-002		
	Remote Desktop	1-HI7GJ	MS05-003		
	Remote Desktop	1-HVMC0	MS05-007	File: 20atptsecmar2005s1.exe	
	Remote Desktop	1-HVMC5	MS05-008		
	Remote Desktop	1-HVNCK	MS05-011		
	Remote Desktop	1-HVMCP	MS05-012		
	Remote Desktop	1-HVMCU	MS05-013		
	Remote Desktop	1-HVMCZ	MS05-014		
	Remote Desktop	1-HVMD4	MS05-015		
	Remote Desktop	1-IP9JT	MS05-016	File: secmay2005.exe	
	Remote Desktop	1-IP9JX	MS05-017		
	Remote Desktop	1-IP9JZ	MS05-018		
	Remote Desktop	1-IP9K1	MS05-019		
	Remote Desktop	1-IP9K3	MS05-020		
	Remote Desktop	1-JJ3U1	MS05-025	File: 20atptsecjun2005s1.exe	
	Remote Desktop	1-JJ3U7	MS05-026		
	Remote Desktop	1-JJ3UC	MS05-027		
	Remote Desktop	1-JJ3UH	MS05-041		
	Remote Desktop	1-JJ3V6	MS05-042		
	Remote Desktop	1-JT1SB	MS05-036	File: 20atptsecjul2005s1.exe	
	Remote Desktop	1-JT1SD	MS05-037		
	Remote Desktop	1-K3G8P	MS05-038	File: 20auptsecaug2005s.exe	
	Remote Desktop	1-K3G8V	MS05-039		
	Remote Desktop	1-K3G90	MS05-040		
	Remote Desktop	1-K3G95	MS05-041		
	Remote Desktop	1-K3G9A	MS05-042		
	Remote Desktop	1-K3G9F	MS05-043		

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Color Fiery Print Controllers					
CN3102e PRO	Controller	ver 2.0		System Software	
S300					
CF3102					
8031	***** CONTINUED *****		***** CONTINUED *****		
EXTERNAL					
SECURITY PATCHES					
	Local Install	PATCH	Microsoft Patch	Patch File Name	
	Remote Desktop	1-KS505	MS05-044		
	Remote Desktop	1-KS509	MS05-045	File: 20atptsecoc2005s1.exe	
	Remote Desktop	1-KS50P	MS05-046		
	Remote Desktop	1-KS50D	MS05-047		
	Remote Desktop	1-KS50H	MS05-049		
	Remote Desktop	1-KS50J	MS05-050		
	Remote Desktop	1-KS50L	MS05-051		
	Remote Desktop	1-KS50N	MS05-052		
	Remote Desktop	1-L5PMX	MS05-053	File: 20atptsecnov2005s1.exe	
	Remote Desktop	1-LKOG1	MS05-054	File: 20atptsecjan2006s1.exe	
	Remote Desktop	1-LRDCA	MS06-001		
	Remote Desktop	1-LTFST	MS06-002		
	Remote Desktop	1-MD1U0	MS06-007	File: s300_50ck_s300_31cm_ptsecfeb2006.s1.exe	
	Remote Desktop	1-MD1TW	MS06-008		
	Remote Desktop	1-MRR2J	MS06-011	File: s300_50ck_ptsecmar2006.s1.exe	
	Remote Desktop	1-N80K1	MS06-013	File: s300_50ck_ptsecapr2006.s1.exe	
	Remote Desktop	1-N80K7	MS06-014		
	Remote Desktop	1-N80KC	MS06-015		
				File: <a href="#">fiery win xpsp1security 1.exe</a>	
				Please see DLBT0701004EN00.pdf for more details of the 8 included Patches	
				File: <a href="#">fiery win xpsp1security 2.exe</a>	
				Please see DLBT0701004EN00.pdf for more details of the 8 included Patches	

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Color Fiery Print Controllers					
IP901	Controller	ver 1.1		System Software ver 1.1 50C-KM	
Supports	Patches	1-DSRD9	1	File: <a href="#">1-DSRD9.exe</a>	
the following models	Patches	1-GJDL	2	File: <a href="#">1-gjld C500 Patch.exe</a>	
C500, CF5001	Patches	1-KTLOE	3	file: <a href="#">IP901_v1.1_Composite-Patch.iso</a> (There are 28 Patches) <a href="#">IP901 1KAY8B.SIT</a>	
8050	Patches	1-KSOAF	4	New output profiles to increase the saturation of prints in the default mode. a. CMYK simulation profile: ISO coated as default CMYK simulation profile. b. RGB source profile: Fiery RGB as the default RGB source profile. c. Output profile: the output profile updated from V2 to V4.	
EXTERNAL	Patches	1-E4VH1		file: <a href="#">1-E4VH1.exe</a> Opens Port 3389 for Remote Desktop	
	Patches	1-E4VH1-R		file: <a href="#">1-E4VH1.exe</a> Closes Port 3389	
	Patches	1-FGT6A_ON		File: <a href="#">1-fgt6a.exe</a> All texts in the document are reproduced w/ DOT Screen.	
	Patches	1-FGT6A_OFF		File: <a href="#">1-fgt6a.exe</a> Disable	
	Patches	1-H2301		file: <a href="#">20aupt1h2301s1.exe</a> Installs Automatic Update Utility	
	Patches	1-JC4U0		file: <a href="#">20aupt1jc4u0s1.exe</a>	
	Patches	1-K605H		file: <a href="#">20aupt1k605hs1.exe</a> Incorrect Doc. Size and Resolution	
	Patches	1-KIOGT		file: <a href="#">20aupt1kiogts1.exe</a> Missing Images Hotfolder w/ Impose	
	Patches	1-LVTOL		Color output profiles file: <a href="#">s300_50ck_pt1lvtol1s1.exe</a>	
				FieryRGB.icc and ISOcoated.icc	
	Patches	1-QZXUG		2007 Time zone update [KB928388]	
	Patches	1-PRA33		Apache ver 1.337 file: <a href="#">fiery apachev1337 pt1pra33.exe</a>	
SECURITY PATCHES					
	Local Install	PATCH	Microsoft Patch	Patch File Name	
	Remote Desktop	1-D4VEP		File: <a href="#">1-D4VEP.exe</a>	
	Remote Desktop	1-DSRD9	MS03-007	File: <a href="#">1-DSRD9.exe</a>	
	Remote Desktop		MS03-014		
	Remote Desktop		MS03-023		
	Remote Desktop		MS03-027		
	Remote Desktop		MS03-030		
	Remote Desktop		MS03-034		
	Remote Desktop		MS03-039		
	Remote Desktop		MS03-040		
	Remote Desktop		MS03-041		
	Remote Desktop		MS03-043		
	Remote Desktop		MS03-044		
	Remote Desktop		MS03-045		
	Remote Desktop		MS04-003		
	Remote Desktop		MS04-004		
	Remote Desktop		MS04-007		
	Remote Desktop		MS04-011		
	Remote Desktop	1-EDSV4		file: <a href="#">1-edsv4.exe</a> Opens Port 123 and Port 500	
	Remote Desktop	1-EDSV4-R		file: <a href="#">1-edsv4.exe</a> Closes Port 123 and Port 500	
	Remote Desktop	1-EDSVF		File: <a href="#">1-edsvf.exe</a>	
	Remote Desktop	1-EDSVF-R			
	Remote Desktop	1-FVWDL	MS04-030	File: <a href="#">secoc2004.exe</a>	
	Remote Desktop	1-FVWRH	MS04-022		
	Remote Desktop	1-FVWRO	MS04-004		
	Remote Desktop	1-FVWRO	MS04-024		
	Remote Desktop	1-FVWS6	MS04-023		
	Remote Desktop	1-FVWSC	MS04-015		
	Remote Desktop	1-GH1KD	MS04-030	File: <a href="#">secoc20042.exe</a>	
	Remote Desktop	1-GH1KK	MS04-031		
	Remote Desktop	1-GH1KR	MS04-032		
	Remote Desktop	1-GH1KY	MS04-034		
	Remote Desktop	1-GH1L6	MS04-037		
	Remote Desktop	1-GH1LE	MS04-038		
	Remote Desktop	1-H219X	MS04-040	File: <a href="#">1-h219.exe</a>	
	Remote Desktop	1-H911T	MS04-043	File: <a href="#">secjan2005.exe</a>	
	Remote Desktop	1-H9123	MS04-041		
	Remote Desktop	1-H9128	MS04-044		
	Remote Desktop	1-HI7G9	MS05-001	File: <a href="#">secfeb2005.exe</a>	
	Remote Desktop	1-HI7GE	MS05-002		
	Remote Desktop	1-HI7GJ	MS05-003		

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Color Fiery Print Controllers					
IP901	Controller	ver 1.1	System Software ver 1.1	50C-KM	
C500, CF5001					
8050					
	***** CONTINUED *****		***** CONTINUED *****		
EXTERNAL					
SECURITY PATCHES					
	Local Install	PATCH	Microsoft Patch	Patch File Name	
	Remote Desktop	1-HVMC0	MS05-007	File: secmar2005.exe	
	Remote Desktop	1-HVMC5	MS05-008		
	Remote Desktop	1-HVNCK	MS05-011		
	Remote Desktop	1-HVMCP	MS05-012		
	Remote Desktop	1-HVMCU	MS05-013		
	Remote Desktop	1-HVMCZ	MS05-014		
	Remote Desktop	1-HVMD4	MS05-015		
	Remote Desktop	1-IP9JT	MS05-016	File: 20atptsecmay2005s1.exe	
	Remote Desktop	1-IP9JX	MS05-017		
	Remote Desktop	1-IP9JZ	MS05-018		
	Remote Desktop	1-IP9K1	MS05-019		
	Remote Desktop	1-IP9K3	MS05-020		
	Remote Desktop	1-JJ3U1	MS05-025	File: 20atptsecjun2005s1.exe	
	Remote Desktop	1-JJ3U7	MS05-026		
	Remote Desktop	1-JJ3UC	MS05-027		
	Remote Desktop	1-JJ3UH	MS05-041		
	Remote Desktop	1-JJ3V6	MS05-042		
	Remote Desktop	1-JT1SB	MS05-036	File: 20atptsecjul2005s1.exe	
	Remote Desktop	1-JT1SD	MS05-037		
	Remote Desktop	1-K3G8P	MS05-038	File: EFI-XPe-Security-Update-August-2005.exe	
	Remote Desktop	1-K3G8V	MS05-039		
	Remote Desktop	1-K3G90	MS05-040		
	Remote Desktop	1-K3G95	MS05-041		
	Remote Desktop	1-K3G9A	MS05-042		
	Remote Desktop	1-K3G9F	MS05-043		
	Remote Desktop	1-KS505	MS05-044		
	Remote Desktop	1-KS509	MS05-045	File: 20atptsecoc2005s1.exe	
	Remote Desktop	1-KS50P	MS05-046		
	Remote Desktop	1-KS50D	MS05-047		
	Remote Desktop	1-KS50H	MS05-049		
	Remote Desktop	1-KS50J	MS05-050		
	Remote Desktop	1-KS50L	MS05-051		
	Remote Desktop	1-KS50N	MS05-052		
	Remote Desktop	1-L5PMX	MS05-053	File: 20atptsecnov2005s1.exe	
	Remote Desktop	1-LKOG1	MS05-054	File: 20atptsecjan2006s1.exe	
	Remote Desktop	1-LRDCA	MS06-001		
	Remote Desktop	1-LTFST	MS06-002		
	Remote Desktop	1-MD1U0	MS06-007	File: s300_50ck_s300_31cm_ptsecfeb2006.s1.exe	
	Remote Desktop	1-MD1TW	MS06-008		
	Remote Desktop	1-MRR2J	MS06-011	File: s300_50ck_ptsecmar2006.s1.exe	
	Remote Desktop	1-N80K1	MS06-013	File: s300_50ck_ptsecapr2006.s1.exe	
	Remote Desktop	1-N80K7	MS06-014		
	Remote Desktop	1-N80KC	MS06-015		
				File: fiery win xpsp1security 1.exe	
				Please see DLBT0701004EN00.pdf for more details of the 8 included Patches	
				File: fiery win xpsp1security 2.exe	
				Please see DLBT0701004EN00.pdf for more details of the 8 included Patches	

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
Color Fiery Print Controllers					Please See Page 05
IP901	Controller	ver 2.0		System Software ver 2.0 50C-KM	
Supports	Patches	1-JCKC9	1	file: 20atpt1jckc9s1.exe Adds a Link to WebTools "Software Updates"	
the following models	Patches	1-JCNCL	2	file: ip901_pt1jcncls1.exe RIP1 WHILE PRINT 2 * Need a Total of 1 GB Memory	
C500, CF5001	Patches	1-KSO9X	8	file: ip901(8050_C500)_pt1kso9xs1.exe	
8050				Increases smoothness of Graphics	
EXTERNAL	Patches	1-NELLY	7	Composite patch [also includes new PC and MAC drivers] Make sure to install: 1-JCNCL first ** All these patches are contained under NELLY	
	Patches	1-JK0PD	3	IP901 does not start printing VDP file as soon as the first record is done. Color Adj Issue	
	Patches	1-JQK4R	4	Hangs when printing when Progressive is ON	
	Patches	1-KSOAG	5	New output profiles to increase the saturation of prints in the default mode. a. CMYK simulation profile: ISO coated as default CMYK simulation profile. b. RGB source profile: Fiery RGB as the default RGB source profile. c. Output profile: the output profile updated from V2 to V4.	
	Patches			Output Color Profile- Increase Saturation	
	Patches			Improves CMYK Simulation and RGB Source Profile	
	Patches	1-N1LUM	6	VPS jobs with imposition settings do not print correctly	
	Patches	1-H7MO5		file: 20atpt1h7mo5s1.exe Back Cover/Front Cover Mixed Media Issue	
	Patches	1-I5ZPD		file: 20aupwin1i5zpbs.exe Custom Size Paper Offset Values	
	Patches	1-JIAL9		file: 20aupt1jal9s1.exe Two Way Communication from driver	
	Patches	1-K690T		Unable to assign paper catalog if the back cover is Side Two.	
	Patches	1-KI5G2		Tab Shift not performing to functional specification	
	Patches	1-KZEPP		file: 20aupt1kzepps1.exe Post Inserter and Offset Sort Issues	
	Patches	1-L8DC7	TechKnow 4-28-2006	When Printing Line Screen, fine lines and text objects prints w/ broken lines.	
	Patches	1-L8DC7-r	TechKnow 4-28-2006	Disables	
	Patches	1-LVS4U		Only Compatible with 8050	
	Patches	1-NGML9		Upgrades Hot Folder version. Resolves overprint and trapping.	
	Patches	1-NOL6J		Booklet printing does not work when enabling EKC.	
	Patches	1-OL05S		When upgrading from 1.x to 2.x archived jobs won't print	
	Patches	1-OV1H9		Output margin correction	
	Patches	1-OYTWD		Secure Erase functionality improvement file: ip901v20 pt1oytwd.exe	
	Patches	1-PRA33	8	Apache ver 1.337 file: fiery apachev1337 pt1pra33.exe	
	Patches	1-PKE09		Fiery Freezes after printing many booklets jobs consecutively	
	Patches	1-QZXUG		2007 Time zone update [KB928388]	
				*** Please verify that the IP-901 has at least 1GB Ram installed- REQUIRED	
				*** Please install patches in the order specified above only.	
				One at a time, and Exactly according the release notes.	
				* Must Install in the Order listed. (Critical Patches).	
SECURITY PATCHES					
				*** CONTINUED ON THE NEXT PAGE ***	







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MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
Color Fiery Print Controllers					Please See Page 05
X3e Plus	Controller	ver 2.0		System Software ver 2.0 31C-M	
Supports	Patches	1-D1VP0		file: 1-D1VPO.exe Light red Text	
the following models	Patches	1-D3FMT		file: 1-D3FMT.exe Composite Patch	
8021, 8031	Patches	1-DFMOD		file: 1-DFMOD.exe Appletalk Problems	
	Patches	1-ED8K1		file: 1-ED8K1.exe Jtman unable to print	
	Patches	1-FJ5IQ		file: 1-FJ5IQ.exe Some Black 100% Graphics/Text get printed in CMYK	
	Patches	1-GLS3E		file: 1-GLS3E.exe Quarkexpress Jobs cause Fiery to reboot	
	Patches	1-GMGUX		file: 1-GMGUX.exe Illustrator jobs missing parts of PICS	
	Patches	1-GW7EP		file: 1-GW7EP.exe Fiery takes too long to print large files	
	Patches	1-H4OHR		file: 1-H4OHR.exe Can not delete a FreeForm2 master by PS command	
	Patches	1-HS9CS		file: 13zgpt1hs9css1.exe Excel jobs causes Fiery to reboot	
	Patches	1-JTJX0		file: 13zgpt1jtjx0s1.exe FreeForm would be Stuck	
	Patches	1-IQM8E		file: 13zgpt1iqm8es1.exe Illustrator jobs causes Fiery to reboot	
	Patches	1-PRA25		file: fiery_apachev1337_pt1pra25.exe Apache version 1.337	
Supported Models: 8020, 8031, CF2002, CF3102					



MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Color Fiery Print Controllers					
IC-302	Controller	ver 2.1		System Software S450 50C-KM	
	Patches	1-OCF17	1	*	
	Patches	1-PKEOM	2	*	
	Patches	1-NOL6V	3	* file: ic302_pt1nol6vs.exe	Booklet does not print with EKC on
	Patches	1-NMOL6	4	* file: ic302_pt1nmol6s1.exe	Unable to Scan to FTP to Pagescope Cabinet Pro
EXTERNAL	Patches	1-QZXUG		2007 Time zone update [KB928388]	
	Patches	1-PRA33		Apache ver 1.337	file: fiery apachev1337 pt1pra33.exe
	Patches	1-OXAYR		Secure Erase functionality improvement	file:ic302v21 pt1oxayr.exe
	Patches	1-LIPZZ		for 1GB upgrade 2GB	
	Patches	1-MEBCD		for 2GB upgrade 3GB	
	Patches	1-WSUG3		Fiery crashes when accessing the Job List	
	Patches	1-YICH7		Incorrect Font and character spacing occurs when printing through EFI Hot Folder.	
***** CONTINUE ON THE NEXT PAGE *****					
SECURITY PATCHES					
Local Install		PATCH	Microsoft Patch	Patch File Name	
Remote Desktop		1-H911T	MS04-041	File: ic302_ptsecjun2006s1.exe	
Remote Desktop		1-H9123	MS04-043		
Remote Desktop		1-H9128	MS04-044		
Remote Desktop		1-HVMC0	MS05-007		
Remote Desktop		1-HVMCK	MS05-011		
Remote Desktop		1-HVMCU	MS05-013		
Remote Desktop		1-HVMCP	MS05-012		
Remote Desktop		1-HVMD4	MS05-015		
Remote Desktop		1-IP9JT	MS05-016		
Remote Desktop		1-IP9JZ	MS05-018		
Remote Desktop		1-IP9K1	MS05-019		
Remote Desktop		1-JJ3U7	MS05-026		
Remote Desktop		1-JJ3UC	MS05-027		
Remote Desktop		1-JJ3V6	MS05-033		
Remote Desktop		1-JT1SB	MS05-036		
Remote Desktop		1-K3G8V	MS05-039		
Remote Desktop		1-K3G90	MS05-040		
Remote Desktop		1-K3G95	MS05-041		
Remote Desktop		1-K3G9A	MS05-042		
Remote Desktop		1-K3G9F	MS05-043		
Remote Desktop		1-K8K9P	MS05-038		
Remote Desktop		1-KS5O9	MS05-045		
Remote Desktop		1-KS5OD	MS05-047		
Remote Desktop		1-KS5OH	MS05-049		
Remote Desktop		1-KS5OJ	MS05-050		
Remote Desktop		1-KS5OL	MS05-051		
Remote Desktop		1-KS5OP	MS05-046		
Remote Desktop		1-KSNVP	MS05-052		
Remote Desktop		1-L5PMX	MS05-053		
Remote Desktop		1-LAH31	MS05-052		
Remote Desktop		1-LKQG9	MS05-054		
Remote Desktop		1-LRDCA	MS06-001		
Remote Desktop		1-LTFST	MS06-002		
Remote Desktop		1-MD1TW	MS06-007		
Remote Desktop		1-MD1U0	MS06-008		
Remote Desktop		1-N85VP	MS06-013		
Remote Desktop		1-N85VW	MS06-014		
Remote Desktop		1-N80KC	MS06-015		
Remote Desktop		1-NL3XH	MS06-018		
Remote Desktop		1-O3ZGF	MS06-021		
Remote Desktop		1-O3ZFR	MS06-023		
Remote Desktop		1-O3ZF3	MS06-025		
Remote Desktop		1-O3ZFW	MS06-030		
Remote Desktop		1-O3ZG9	MS06-032		
Remote Desktop		1-11AYK1		File: fiery win xpesp2security200901.zip	

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MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Color Fiery Print Controllers					
IC-305	Controller	ver 3.0		System Software ver 3.0	Fiery Pro80 65C-KM
IC-303	Controller	ver 3.0		System Software ver 3.0	Fiery S450 65C-KM
	Patches	1-14U5WB		Staples are in the wrong position.	
	Patches	1-15D0B5		PS ierror error, offending command "imagemask". PDF file processes very slow.	
	Patches	1-QRIU7		toggle patch to change MIB from KONICA MINOLTA ver. to Generic ver.	
	Patches	1-15FE5J		"File conversion failed" error occurs when a JPEG File is dropped into the Hot Folder.	
	Patches	1-16LBTC		PSWC shows "Waste Paper" is "Full" when the punch unit is not installed.	
	Patches	1-15RA6V		Print Range overrides are not reflected.	
	Patches	1-16TABO		Change minimum page size to 2.5 X 3 inch	
	Patches	1-1484WD		(Update Color Profile Patch) for C65hc_ONLY	
	Patches	1-17FCFK		Engine pauses frequently when printing booklets using the PB-501 Pre-Req: 1-14U5WB	
	Patches	1-17W6LP		Canceling jobs results in a Fiery crash.	
	Patches	1-16MNVI		Error message "The service calibrator is currently use by operator" appears	
	Patches	1-16WPDD		PDFs created from iPhoto causes Fiery to hang on import. Pre-Req: 1-14U5WB	
	Patches	1-179B8A		Loss of Layout/ Orientation in driver & CW5 Job Properties. Pre-Req: 1-14U5WB	
	Patches	1-17C6PI		Printer Preferences window is blank when launched from Color Profile Suite 2.0.X.X	
	Patches	1-17GZYA		Embedded fonts are replaced w/ a Substitute font when printing.	
	Patches	1-17KWLI		Support fortap paper for multi-punch w/ GP-501 Pre-Req: 1-14U5WB	
	Patches	1-187CC		Output shows thin white lines when Image Smoothing is ON & Image Quality is Best	
	Patches	1-18NBNI		Media Weight not honored for calibration measurement page. Pre-Req: 1-14U5WB and 1-17FCFK	
	Patches	1-19IMDT		Simplex job with "1-up perfect" takes much longer to print than duplex.	
Supported Models: C5500, C5501, C6500, C6501					







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MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
Color Fiery Print Controllers					Please See Page 05
IC-401	Controller	ver 2.0		System Software ver 2.0	
	Patches	1-9NM85	1	KMBS Pagescopelight Logo	
	Patches	1-D3FNB	2	Cumulative Patches	
	Patches	1-F2YKC	3	Guide in Tray B are not set correctly	
	Patches	1-FJ5J2	4	100% Black prints in CMYK	
	Patches	1-JTKRL	5	FreeForm printing would be stuck at Controller. PDF Causes Reboot	
	Patches	1-CVF7H	4741	Appletalk issue	
	Patches	1-D17SB	4742	Enables A3 Wide and A3 Wide + support	
	Patches	1-DES1S	4752	A4 or A3 paper sizes PS error message	
	Patches	1-ED8KC		Files Generated by Jtman not able to Print	
	Patches	1-ESDPA	4921	Corrects Print to PS error	
	Patches	1-GLS3T		QuarkXpress job that is printed as Seperation	
	Patches	1-GLS45		Some excel file results in missing or incorrect thickness of dotted lines	
	Patches	1-GMGV5		Illustrator Files result in missing pics/ EPS files	
	Patches	1-H4OI4		Can not delete a FreeForm2 master by PS command	
	Patches	1-HS9CF		Error sending ASCII file via LPR command	
	Patches	1-IQM7Z		Adobe Illustrator CS 11.0.0 files will cause controller to Reboot	
	Patches	1-JBTXU		Enable mailbox password will be switched to NO	
	Patches	1-KOBTB		Tiff may not work properly with InDesign frile from MAC OS X	
	Patches	1-PRA25		<a href="#">file: fiery_apachev1337_pt1pra25.exe</a> Apache version 1.337	
	Patches	1-Y1ATY		Mac OS 10.5, paper is pulled from wrong tray with MimosaV2.0	
				* Must Install in the Order listed. (Critical Patches).	
Supported Models: C350					

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
Color Fiery Print Controllers					Please See Page 05
IC-402	Controller	ver 2.01		System Software ver 2.01 [System 8e] <b>Fiery X3eTY 35C-KM</b>	
	Patches	1-QVQMK		Access Denied Problem <a href="#">File: ic402 ic406 pt 1qvqmk.exe</a>	
	Patches	1-RHZ8E		Daylight Saving Time <a href="#">file: 1-RQ1FN.zip</a>	
	Patches	1-PBBD0		AS400 [LinkCom III] Mixplex Job Issue <a href="#">file: ic402v201 pt1pbdd0.exe</a>	
	Patches	1-RAERT		Supports Additional Paper Media	
	Patches	1-T3REH		Fiery Configure doesn't launch when Java 6 is installed. <a href="#">file: ic402v201 ic406v101 pt1t3reh.exe</a>	
	Patches	1-VNRFN		Scan to E-mail error after performing ColorCal correction <a href="#">file: ic402v201 ic406v101 pt1vnrfn.exe</a>	
	Patches	1-X7X2D		PS job won't process from Helios Print Server in CWS <a href="#">file: ic402v201 ic406v101 pt1x7x2d.exe</a>	
	Patches	1-V8P2N		Scanning: Unable to free up Hard Disk Space	
	Patches	1-XTTH3		All pages are rotated to landscape when printing from InDesign CS3 from MAC	
	Patches	1-X4RRR		FTP Bounce Attack (Vulnerability)	
	Patches	1-ZAG86		APACHE SERVER UPDATE to 1.3.41	
	Patches	1-X7X2D		PS Jobs won't process from Helios Print Server in CWS	
	Patches	1-ZKQCT		Application PowerPoint 2008 crashes when printing from MacOS.]	
	Patches	1-10TMPV		Configure doesn't launch when Java 6 is installed.	
	Patches	1-14MGRL		Scan to SMB does not work when the destination is a Windows Vista client.	
Supported Models: C351, C450					

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Color Fiery Print Controllers					
IC-405	Controller	ver 2.01		System Software ver 2.01 [System 8e] <b>Fiery X3eTY 50 C-KM</b>	
	Patches	1-RUCVX	1	IE Runtime Error <a href="#">file: ic405 pt1rucvx.exe</a>	
	Patches	1-T3REH	2	Java6 Configuration Issue <a href="#">file: ic405 pt1t3reh.exe</a> *** Must install patch 1-RUCVX first before installing this one	
	Patches	1-ROBKY	3	Daylight Saving Time <a href="#">file: 1-ROBKY.zip</a>	
Embedded	Patches	ProID		Product Identifier Patch	
	Patches	1-R99HP		Incorrect Ouput/ Missing Text <a href="#">file: ic405 pt1r99hp.exe</a>	
	Patches	1-R6LA3		Printing w/ Post Inserter Unit in EKC/ECM Mode. <a href="#">file: ic405v201 pt1r6la3.exe</a>	
		1-R6LAI		Printing w/ Post Inserter Unit in EKC/ECM Mode. <a href="#">file: ic405v201 pt1r6lai.exe</a>	
	Patches	1-S26JI		Visio2003 file processing slowly	
	Patches	1-Q97NT		Backup Fiery Setting/Config Page Update Info.	
	Patches	1-VN3TL		Printgroove POD does not automatically detect option LT-211	
	Patches	1-X4RRR		FTP Bounce Attack (Vulnerability) (Shows in the download selector site as 1- X6G5A) EXTRACT	
	Patches	1-ZAG86		APACHE SERVER UPDATE to 1.3.41 (Shows in the download selector site as 1- ZAG7T) EXTRACT	
			</		

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MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Color Fiery Print Controllers					
<b>IC-408</b>	Controller	ver 2.0		System Software ver 2.0 <b>Fiery X3eTY2 65C-KM</b>	
	Patches	1-XV8H7		Update to v1F Output Profile	
	Patches	1-XV8HD		Revert to v3F Output Profile	
	Patches	1-13HCW8		Error message : "The service Calibrator is currently used by Operator" appears.	
				PreReq: <b>ProID patch</b>	
	Patches	ProID		Product Identifier Patch	
Embedded	Patches	1-11VQV9		user is unable to cancel a printing job. PreReq: <b>ProID patch</b>	
	Patches	1-13IGLD		Fixes Scan Issues including Garbled Scans.	
	Patches	1-132NY7		Fixes "Assertion Failed" error. PreReq: <b>ProID patch</b>	
	Patches	1-1083EL	MS08-067	File: fiery win xpsp2security200810 add.zip	
	Patches	1-11AYK1		File: fiery win xpsp2security200901.zip	
	Patches	1-14DDVP		This patch supersedes patch 1-13IGLD which is now obsolete.	
	Patches	1-14FJCG		When using Drop Shadow the background color around the object will be changed.	
	Patches	1-14DDXE		Rotate 180 option is grayed out. Driver Templates not saved.	
	Patches	1-14RFCT		Glossy mode does not work correctly.	
	Patches	1-15XF2L		<b>This patch Contains:</b> 1-15A5TD, 1-149RM9, 1-13AMLG	
	Patches	1-13AMLG		Printing with Image Smoothing and Best Image Quality will result in a Job Error.	
	Patches	1-149RM9		When processing a specific PS file, the job is not printed as expected.	
	Patches	1-15A5TD		<b>Spot color</b> outputs are a different color when using the Fiery layout features or Imposition. Prerequisite Patch:1-149RM9, 1-13AMLG. PreReq: <b>patch 1-149RM9</b>	
	Patches	1-16EZV5		Fixes: "assertion failed" error when the scan button in quick succession.	
				Fixes: Staple position are changed after resuming from a Stop or Jam.	
				Fixes: Start button on copier goes inactive after one scan.	
				Prerequisite Patch: <b>1-15A5TD, 1-149RM9, 1-13AMLG</b>	
	Patches	1-16E49E		Unable to print Legal media size w/cover specified.	
	Patches	1-17FPPJ		Fixes PS Syntax Errors. Prerequisite: 1-15A5TD, 1-149RM9, 1-13AMLG	
	Patches	1-18CB03		Feature Request for Print All option to print multiple jobs in Secure Print window	
	Patches	1-1ACQSP		Resolve variation in CMYK or Grayscale Processing Method	
	Patches	1-1ASOLP		Direct Mobile Printing (AirPrint) from Apple iOS 4.2.x or later is enabled. This patch is directly supported by EFI, not KMBT. (KMBT do not support it.)	
	Patches	1-QRIU1		Change MIB from Generic ver. to Konica Minolta ver. in order to connect PageScope applications that support bizhub pro/press printers.	
	Patches	1-CO771		Fiery Updates Error no.10 (Fiery unable to perform an auto-update)	
<b>Supported Models: C5500, C5501, C6500, C6501</b>					

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MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See
					Page 05
Color Fiery Print Controllers					
IC-413	Controller	ver 1.0		System Software ver 1.0	Fiery E100 70-60C-KM
	Update	System Software			
	Patches	1-19H0E0	install in order	Corrects Paper Profile issues	
	Patches	1-19QIXT	install in order	Corrects Paper Profile issues	
	Patches	1-A2SSM		Corrects Garbled Images	
	Patches	1-1AF7YI		Corrects PDF Rendering	
	Patches	1-19QIW9		Reset to Factory should reset Paper Catalog to default.	
	Patches	1-1ASJ0L		Unable to output job with custom size 12.5x19 to Stapler Main Tray.	
	Patches	1-18LDJR		Allow KM Remote Care to identify IC-413 / Fiery E100 70-60C-KM	
	Patches	1-1ASOL5		Direct Mobile Printing (AirPrint) from Apple iOS 4.2.x or later is enabled. This patch is directly supported by EFI, not KMBT. (KMBT do not support it.)	
	Patches	1-1BKBVE		GRACoL2006 Coated1 (EFI) is set as default setting instead of ISO Coated FOGRA39L.	
	Patches	1-1BCHDK		System update fails with Error 10	
	Patches	1-1ACPDR		Resolve variation in CMYK or Grayscale Processing Method	
	Patches	1-1BX4AW		Fiery crashes when more than 20 calibration sets are created.	
	Patches	1-QRIU1		change MIB from Generic ver. to Konica Minolta ver. in order to connect PageScope applications that support bizhub pro/press printers.	
	Patches	1-1BDLWV		Corresponded to "Fiery does not come up to idle and the LED stays at AA." and "Fiery boots up with FATAL: Assertion Failed error message"	
	Patches	1-1BOG1		Corresponded to "Fiery crashes due to multiple network conditions."	
	Patches	1-1CQYII		Corresponded to "Sending a print job while ADF is jammed results in an engine error C6704"	
	Patches	1-1CU0M5		Corresponded to "Mixed Media insert tabs will cause the job to be ripped entirely before printing"	
	Patches	1-1CW7ID		support of 257-301gsm by LS-505	
Supported Models: C6000, C7000					
IC-601	Controller	ver 1.0			
	Update				
Supported Models: C8000					



**KONICA MINOLTA**

**bizhub Office Systems**

**Desktop Printers**

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MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See
					Page 05
Konica Minolta Desktop Printer Models					
Magicolor	Engine F/W	A034-05G0-0600		file: A034-50G0-0600-00_SFP.bin	
1600W	Controller F/W	1.04		file: mc1600W_controller.fw_v104.zip	
	NIC	N/A		file:	
Magicolor	Engine F/W	A034-05G0-0600-00		file: mc1650EN_engineFW_G0060000.zip	
1650EN	Controller F/W	1.1.22		file: mc1650_FW_v1.1.22_winupdate.zip	
	NIC			file:	
Magicolor	Engine F/W	A0HF-50G0-0600		file: A0HF-5060-0600-00_3in1.bin	
1680MF	Controller F/W	1.04		file: mc1680mf_controllerFW_v104.zip	
	NIC			file:	
Magicolor	Engine F/W	A0HF-50G0-0600		file: A0HF-50G0-0600-00_AIO.bin	
1690MF	Controller F/W	1.07		file: mc1690mf_controllerFW_v107.zip	
	NIC			file:	
Magicolor	Engine F/W			file:	
2400W	Controller F/W	Ver.5316		file: FW_tool_5316.zip	
	NIC	N/A		file:	
Magicolor	Engine F/W			file:	
2430DL	Controller F/W	V0216		file: 2430DLv0216.mfd	
	NIC			file:	
Magicolor	Engine F/W			file:	
2450EN	Controller F/W	ver 1.4.7		file: 2450v147.zip	
	NIC			file:	
Magicolor	Engine F/W			file:	
2480MF	Controller F/W	Ver. 3.1		file: mc2480MF_FW_2.9_3.1.zip	
	NIC	N/A		file:	
Magicolor	Engine F/W			file:	
2490MF	Controller F/W	2.16		file: mc2490MF_v2.16.zip	
	NIC	V901		file: GarnetAIOV901NicF00.bin	
Magicolor	Engine F/W				
2500W	Controller F/W				
	NIC				







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**KONICA MINOLTA**

**bizhub Office Systems**

**Black & White**

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Konica Minolta Black and White Models					
bizhub 160	copy	ver. 1.01 ( type 1 )		file: bizhub160V101type1.exe	
bizhub 161	copy	ver. 1.01 ( type 1 )		file: bizhub160V101type1.exe	
	Controller	ver 5.03		file: A3SA4STSV504PCLF00.exe	
bizhub 161f		ver. 1.04 ( type 1 )	TechKnow Mail 3-31-06	file: bizhub160V104type1.exe	
	Controller	ver 5.03		file: A3SA4STSV504PCLF00.exe	
bizhub 162	copy	ver. 1.01 ( type 1 )		file: bizhub160V101type1.exe	
bizhub 180	copy	ver. 1.00		file: TenryuV100CopyF01.exe	
	fax	ver. 1.03 ( type 1 )		file: bizhub180_Type1_v1.03.exe	
IC-205	Controller	ver 5.03		file: A3SA4STSV504PCLF00.exe	
bizhub 181	copy	ver. 5.11		file: TenryuSV511CopyF01.bin	
	fax	ver 5.15 (type 1)		file: TenryuSV515FaxF01.bin	
Di1610	Firmware	ver 7.51 ( type 1 )		file: Di1610V751type1.exe	10
Di1610fp	Firmware	ver 7.54 ( type 1 )		file: Di1610fV754type1.exe	
Di1610p	Firmware	ver 7.51 ( type 1 )		file: Di1610V751type1.exe	10
Di1611	Firmware	ver 7.51 ( type 1 )		file: A3SV751CopyF01KMP.bin	10
Di1811p	FX-3	ver 7.01	4975	file: A3SV701FaxF01KMP.exe	10
	Non-Fax	ver 7.54 ( type 1 )		file: A3SV754FaxF01KMP.bin	CURRENT
	Non-Fax	ver 7.51 ( type 1 )		file: A3SV751CopyF01KMP.bin	
	NC-6	ver 2.05G	5044	file: V205.exe	
Pi1803e Controller				file: G846 A3SA4SV200PCLF00.bin	
Di2011	Firmware	ver 7.51 ( type 1 )		file: A3SV751CopyF01KMP.bin	10

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MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
Konica Minolta Black and White Models					Please See Page 05
<b>bizhub 200</b>	<b>MSC Firmware</b>	<b>4040-0100-G30-80-002</b>	<b>ver. 80</b>		
	FS-508	4349-71G1-00-00			3
	DF-605	4344-24G1-01-00			
	Printer	4040-0050-G00-05-00			
	MSC Firmware	4040-0100-G30-70-002	Check Sum: ED85	ver G3-70 Phase 3.0 file: <a href="#">4040-0100-G30-70-002.zip</a>	
	MSC Firmware	4040-0100-G20-62-002	Check Sum: 8604	ver 62 Phase 3.0 file: <a href="#">200 250 350 Ver 62 Phase3.0.exe</a>	
	MSC Firmware	4040-0100-G20-49-002	Check Sum: 3035	ver 49 PHASE 2.5 file: <a href="#">MSC_Ver_49/4040-0100-G20-49-002.exe</a>	
	MSC Firmware	4040-0100-G10-25-002	TechKnow Mail 4-28-2006	ver 25 PHASE 2 file: <a href="#">MSC_Ver_25_Phase_2.0/4040-K421-01.exe</a>	
	MSC Firmware	4040-0100-G10-12-002	TechKnow Mail 5-5-2006	ver 12 PHASE 1 file: <a href="#">MSC_Ver_12_Phase_1.0/4040-0100-G00-12-002.exe</a>	
*** 128 MB Compact Flash Card Max Size to use.					
<b>bizhub 210</b>	<b>MSC Firmware</b>	<b>4040-0100-G30-70-002</b>	<b>Check Sum: ED85</b>	<b>ver G3-70 Phase 3.0 file: <a href="#">4040-0100-G30-70-002.zip</a></b>	
	FS-508	4349-71G1-01-00		file: <a href="#">4349G101.raw</a>	
	DF-605	4344-24G1-01-00		file: <a href="#">4344G100.EXE</a>	
	Printer	4040-0050-G00-04-000		file: <a href="#">4040G004.raw</a>	
<b>bizhub 222</b>	<b>MSC Firmware</b>	<b>A11U-0100-G10-08-002</b>	<b>a105</b>	<b>Version 08 Phase 2.0</b>	
				Copy the firmware data only to CF card.	
				Do not copy the firmware data to CF card by the folder.	
				When the folder copied into CF card, the firmware rewriting can not be done.	
<b>bizhub 223</b>	<b>MSC Firmware</b>	<b>A1UD0Y0-F000-G00-C8</b>	<b>2210</b>	<b>Version C8</b>	
				OpenAPI v 3.5B	
	MSC Firmware	A1UD0Y0-F000-G00-C2	7B6F	Version C2 <b>Previous version</b>	
	MSC Firmware	A1UD0Y0-F000-G00-C0	FC57	Version C0 <b>Previous version</b>	
	MSC Firmware	A1UD0Y0-F000-G00-B6	4934	Version B6 <b>Previous version</b>	
	MSC Firmware	A1UD0Y0-F000-G00-B5	8BE6	Version B5 <b>Previous version</b>	
	MSC Firmware	A1UD0Y0-F000-G00-26	561A	Version 26 <b>Previous version</b>	
	MSC Firmware	A1UD0Y0-F000-G00-24	c8ee	Version 24 <b>Previous version</b>	
<b>bizhub 250</b>	<b>MSC Firmware</b>	<b>4040-0100-G30-80-002</b>	<b>ver. 80</b>		
	FS-508	4349-71G1-00-00			3
	DF-605	4344-24G1-01-00			
	Printer	4040-0050-G00-05-00			
	MSC Firmware	4040-0100-G30-70-002	Check Sum: ED85	ver G3-70 Phase 3.0 file: <a href="#">4040-0100-G30-70-002.zip</a>	
	MSC Firmware	4040-0100-G20-62-002	Check Sum: 8604	ver 62 Phase 3.0 file: <a href="#">200 250 350 Ver 62 Phase3.0.exe</a>	
	MSC Firmware	4040-0100-G20-49-002	Check Sum: 3035	ver 49 PHASE 2.5 file: <a href="#">MSC_Ver_49/4040-0100-G20-49-002.exe</a>	
	MSC Firmware	4040-0100-G10-25-002	TechKnow Mail 4-28-2006	ver 25 PHASE 2 file: <a href="#">MSC_Ver_25_Phase_2.0/4040-K421-01.exe</a>	
	MSC Firmware	4040-0100-G10-12-002	TechKnow Mail 5-5-2006	ver 12 PHASE 1 file: <a href="#">MSC_Ver_12_Phase_1.0/4040-0100-G00-12-002.exe</a>	
*** 128 MB Compact Flash Card Max Size to use.					
					3

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
Konica Minolta Black and White Models					Please See Page 05
bizhub 282	MSC Firmware	A11U-0100-G10-08-002	A105	Version 08 Phase 2.0	
				Copy the firmware data only to CF card. Do not copy the firmware data to CF card by the folder. When the folder copied into CF card, the firmware rewriting can not be done.	
bizhub 283	MSC Firmware	A1UD0Y0-F000-G00-C8	2210	Version C8	
				OpenAPI v 3.5B	
	MSC Firmware	A1UD0Y0-F000-G00-C2	7B6F	Version C2	Previous version
	MSC Firmware	A1UD0Y0-F000-G00-C0	FC57	Version C0	Previous version
	MSC Firmware	A1UD0Y0-F000-G00-B5	8BE6	Version B5	Previous version
	MSC Firmware	A1UD0Y0-F000-G00-26	561A	Version 26	Previous version
	MSC Firmware	A1UD0Y0-F000-G00-24	c8ee	Version 24	Previous version
bizhub 350	MSC Firmware	4040-0100-G30-80-002		ver. 80	
	FS-508	4349-71G1-00-00			3
	DF-605	4344-24G1-01-00			
	Printer	4040-0050-G00-05-00			
	MSC Firmware	4040-0100-G30-70-002	Check Sum: ED85	ver G3-70 Phase 3.0 file: 4040-0100-G30-70-002.zip	
	MSC Firmware	4040-0100-G20-62-002	Check Sum: 8604	ver 62 Phase 3.0 file: 200 250 350 Ver 62 Phase3.0.exe	
	MSC Firmware	4040-0100-G20-49-002	Check Sum: 3035	ver 49 PHASE 2.5 file: MSC_Ver_49/4040-0100-G20-49-002.exe	
	MSC Firmware	4040-0100-G10-25-002	TechKnow Mail 4-28-2006	ver 25 PHASE 2 file: MSC_Ver_25_Phase_2.0/4040-K421-01.exe	
	MSC Firmware	4040-0100-G10-12-002	TechKnow Mail 5-5-2006	ver 12 PHASE 1 file: MSC_Ver_12_Phase_1.0/4040-0100-G00-12-002.exe	
				*** 128 MB Compact Flash Card Max Size to use.	

















**KONICA MINOLTA**

**bizhub Office Systems**

**Color**

MODEL	IC#	VERSION	Check Sum	COMMENTS	Updated by
Konica Minolta Color Models					Please See Page 05
8020	MSC/ Panel	4025-10G0-B8-N0	31FA	ver F9 Background Voltage Margin Increase	2
	MSC/ Panel	4025-F0G0-F8-N0	31FA	ver B8 <b>** Previous Version</b>	
8031	MSC/ Panel	4025-10G0-B8-N0	31FA	ver F9 Background Voltage Margin Increase	2
	MSC/ Panel	4025-F0G0-F8-N0	31FA	ver B8 <b>** Previous Version</b>	
CF2002	MSC/ Panel	4025-F0G0-F8-00		ver B8	2
CF3102	MSC/ Panel	4025-F0G0-F8-00		ver B8	2
bizhub C200	MFP Controller	A02F010-0100-G00-37		ver. 37 file:	
	MFP Controller	A02F010-0100-G00-34		ver. 34 <b>** Previous</b>	
	MFP Controller	A02F010-0100-G00-33		ver. 33	
	MFP Controller	A02F010-0100-GC0-21		ver. 21	
	MFP Controller	A02F010-0100-G00-10		ver. 10	
	MFP Controller	A02F010-0100-G00-07		ver. 07 <b>** Previous</b>	
	MFP Controller	A02F010-0100-G00-03		ver. 03 <b>** Previous</b>	
bizhub C203	MFP Controller	A02E0Y0-0100-G20-R6	D18E	ver G20-R6 MFP Controller [PWB-MFP] <b>** CURRENT</b>	4, 9
				OpenAPI v2.3	
	Scanner	A02E0Y0-0023-G00-34	17EF	Image Processing Board [IPB]	
	Printer	A02E0Y0-0050-G20-08	470F	Printer Control Board [PRCB]	
	Fax Board 1	15LA-0040-G01-10-00	7DF6	Fax Board MAIN [FK-502]	
	Fax Board 2	15LA-0040-G01-10-00	7DF6	Fax Board SUB [FK-502]	
	Finisher [FS-519]	A01G0Y0-0071-G01-01	254A	FS Control Board [FSCB]	
	MFP Controller	A02E0Y0-0100-G20-R5	78FA	ver G20-R5 MFP Controller [PWB-MFP] <b>** CURRENT</b>	
	MFP Controller	A02E0Y0-0100-G10-J8	0C67	ver J8 MFP Controller <b>** Previous</b>	
	MFP Controller	A02E0Y0-0100-G10-88	1F18	ver 88 <b>** Previous</b>	
	MFP Controller	A02E0Y0-0100-G10-62	C9C1	ver 62 <b>** Previous</b>	
	MFP Controller	A02E0Y0-0100-G10-21	C5E8	ver 21 <b>** Previous</b>	
bizhub C220	MFP Controller	A0ED0Y0-0100-G00-D0	C7AC	ver D0	
				OpenAPI v3.5B	
	Scanner	A0ED0Y0-0023-G00-85	4A83		
	Printer	A0ED0Y0-0050-G10-06	1DBE		
	Fax Board	15LA-0040-G01-13-000	F105		
	FS-527	A0HR0Y0-0071-G01-07	D298		
	FS-529	A0U70Y0-0071-G01-06	E843		
	Loadable Device Driver			ver 06 file: C220_C280_C360_A0ED0Y0-A001-G00-06.exe	
	MFP Controller	A0ED0Y0-0100-G00-C6	FA54	ver C6	
	MFP Controller	A0ED0Y0-0100-G00-B8	A7AA	ver B8 file: C220_C280_C360_A0ED0Y0-F000-G00-B8.exe	
	MFP Controller	A0ED0Y0-0100-G00-B4	6D4C	ver B4 file: C220_C280_C360_A0ED0Y0-F000-G00-B4.exe	
	MFP Controller	A0ED0Y0-0100-G00-90	2C6B	ver 90 file: C220_C280_C360_A0ED0Y0-F000-G00-90.exe	
	MFP Controller	A0ED0Y0-0100-G00-88	5045	ver 88	
	MFP Controller	A0ED0Y0-0100-G00-59	9922	ver 59	
	MFP Controller	A0ED0Y0-0100-G00-54	A004	ver 54	





MODEL	IC#	VERSION	Check Sum	COMMENTS	Updated by
					Please See Page 05
Konica Minolta Color Models					
<b>bizhub C280</b>	<b>MFP Controller</b>	<b>A0ED0Y0-0100-G00-D0</b>	<b>C7AC</b>	<b>ver D0</b>	<b>4, 9</b>
				OpenAPI v3.5B	
	Scanner	A0ED0Y0-0023-G00-85	4A83		
	Printer	A0ED0Y0-0050-G10-06	1DBE		
	Fax Board	15LA-0040-G01-13-000	F105		
	FS-527	A0HR0Y0-0071-G01-07	D298		
	FS-529	A0U70Y0-0071-G01-06	E843		
	Loadable Device Driver			ver 06 file: C220_C280_C360_A0ED0Y0-A001-G00-06.exe	
	MFP Controller	A0ED0Y0-0100-G00-C6	FA54	ver C6	
	MFP Controller	A0ED0Y0-0100-G00-B8	A7AA	ver B8 file: C220_C280_C360_A0ED0Y0-F000-G00-B8.exe	
	MFP Controller	A0ED0Y0-0100-G00-B4	6D4C	ver B4 file: C220_C280_C360_A0ED0Y0-F000-G00-B4.exe	
	MFP Controller	A0ED0Y0-0100-G00-90	2C6B	ver 90 file: C220_C280_C360_A0ED0Y0-F000-G00-90.exe	
	MFP Controller	A0ED0Y0-0100-G00-88	5045	ver 88	
	MFP Controller	A0ED0Y0-0100-G00-54	A004	ver 54	
<b>bizhub C300</b>	<b>MFP Controller</b>	<b>9J06-0100-G00-K0-00</b>	<b>5AFF</b>	<b>ver G00-K0 Phase 3.05</b>	<b>** CURRENT</b>
	Scanner	9J06-0023-G00-14-000	EE40	Image Processing Board [IPB]	
	Printer	9J06-0050-G10-23-000	6392	Mechanical Control Board [PWB-MFPB]	
	Fax Board 1	15LA-0040-G01-07-000	75EA	Fax Board Main [FK-502]	
	Fax Board 2	15LA-0040-G01-07-000	75EA	Fax Board Sub [ML-501]	
	ADF/EDH	9J07-0024-G00-07-000	5750	DF Control Board [DFCB] DF-608	
	Finisher	9J08-F050-G01-07-000	F989	FS Control Board [FSCB] FS-514	
	MFP Controller	9J06-0100-G00-I8-00	C78C	ver I8 Phase 3.03	** Previous ver.
	MFP Controller	9J06-0100-GC5-H5-00	241A	ver H5 Phase 3.01	** Previous ver.
	MFP Controller	9J06-0100-G00-G4-00	BCB4	ver G4 Phase 3.0	** Previous ver.
	MFP Controller	9J06-0100-G00-33-00	2489	ver 33 Phase 2.51	** Previous ver.
	MFP Controller	9J06-0100-GC6-08-00	6DE9	ver 07 Phase 2.01	* Special when connected w/ IC-406
<b>bizhub C350</b>	<b>MSC/Panel</b>	<b>4036-10G0-529-00</b>	<b>A1FD</b>	<b>ver 53 file: 4036-F6GP-53-00(00)_CHECKSUM_A120.EXE</b>	<b>4</b>
				cygwin/Imaging Tool 128MB Compact Flash Card	
	MSC/Panel	4036-10G0-26-00	32A3	ver 46	** Previous ver.
	MSC/Panel	4036-10G0-22-00	D854	ver 33	** Previous ver.
	MSC/Panel	4036-10G0-21-00	F73D	ver 31	** Previous ver.
	MSC/Panel	4036-10G0-18-00	C767	ver 28	** Previous ver.
<b>bizhub C351</b>	<b>MFP Controller</b>	<b>4037-0100-G00-K0-00</b>	<b>223A</b>	<b>ver G00-K0 Phase 3.05</b>	<b>[PWB-MFP] ** CURRENT</b>
<b>ineo+350</b>	Scanner	4037-0023-G00-19-000	A94A	Image Processing Board [PWB-C]	
	Printer	4037-0050-G10-29-000	C4FB	Control Board [PWB-MC]	
	LPH	4037-0053-G01-00-000	B049	LED Drive Board [PWB-LED]	
	Fax Board 1	15LA-0040-G01-07-00	75EA	Fax Board Main [FK-502]	
	Fax Board 2	15LA-0040-G01-07-00	75EA	Fax Board Sub [ML-501]	
	ADF/EDH	9J07-0024-G00-06-000	5822	DF Control Board [DFCB] DF-608	
	Finisher	4683-71F1-00-00		FS Control Board [FSCB] FS-507 Multi-Position	
	Finisher	4583-71G3-04-00		FS Control Board [FSCB] FS-603 Booklet Finisher	
	MFP Controller	4037-0100-G00-I8-00	1242	ver I8 Phase 3.03 [PWB-MFP]	** Prevoius ver.
	MFP Controller	4037-0100-GC4-H5-000	ED58	ver H6 Phase 3.01 [PWB-MFP]	** Prevoius ver.
	MFP Controller	4037-0100-G00-G4-000	BDCF	ver G4 Phase 3.0 [PWB-MFP]	** Prevoius ver.
	MFP Controller	4037-0100-G00-D6-000	1121	ver D7 Phase 2.52 [PWB-MFP]	** Prevoius ver.
	MFP Controller	4037-0100-G00-B6-000	BA4D	ver A7 Phase 2.01 [PWB-MFP]	** Previous ver.
	MFP Controller	4037-0100-G00-84-000	3E18	ver 69 Phase 1.8 [PWB-MFP]	** Previous ver.

MODEL	IC#	VERSION	Check Sum	COMMENTS	Updated by
Konica Minolta Color Models					Please See Page 05
bizhub C352	MFP Controller	9J06-0100-G00-K0-00	5AFF	ver G00-K0 Phase 3.05	** CURRENT
/ C352P	Scanner	9J06-0023-G00-14-000	EE40	Image Processing Board [IPB]	
	Printer	9J06-0050-G00-23-000	5E6F	Mechanical Control Board [PWB-MFPB]	
ineo+351	Fax Board 1	15LA-0040-G01-07-000	75EA	Fax Board Main [FK-502]	
ineo+351p	Fax Board 2	15LA-0040-G01-07-000	75EA	Fax Board Sub [ML-501]	
	ADF/EDH	9J07-0024-G00-07-000	5750	DF Control Board [DFCB] DF-608	
	Finisher	9J08-0071-G01-07-000	F989	FS Control Board [FSCB] FS-514	
	MFP Controller	9J06-0100-G00-I8-00	C78C	ver I8 Phase 3.03	** Previous ver.
	MFP Controller	9J06-0100-GC5-H5-00	241A	ver H5 Phase 3.01	** Previous ver.
	MFP Controller	9J06-0100-G00-G4-00	BCB4	ver G4 Phase 3.0	** Previous ver.
	MFP Controller	9J06-0100-G00-33-00	2489	ver 33 Phase 2.51	** Previous ver.
	MFP Controller	9J06-0100-GC6-07-00	6DE9	ver 07 Phase 2.01 * Special when connected w/ IC-406	
bizhub C353	MFP Controller	A02E0Y0-0100-G00-R6	9BF0	ver G00-R6 MFP Controller [PWB-MFP]	** CURRENT
	Scanner	A02E0Y0-0023-G00-34	17EF	OpenAPI v2.3	
	Printer	A02E0Y0-0050-G20-08	470F	Image Processing Board [IPB]	
	Fax Board 1	15LA-0040-G01-10-00	7DF6	Printer Control Board [PRCB]	
	Fax Board 2	15LA-0040-G01-10-00	7DF6	Fax Board MAIN [FK-502]	
	Finisher [FS-519]	A01G0Y0-0071-G01-01	254A	Fax Board SUB [FK-502]	
	JS-505	A0830Y0-0070-G00-00	6CF6	FS Control Board [FSCB]	
	MFP Controller	A02E0Y0-0100-G00-R5	1AF7	ver G00-R5 MFP Controller [PWB-MFP]	** CURRENT
	MFP Controller	A02E0Y0-0100-G00-J8	B9B5	ver J8	** Previous ver.
	MFP Controller	A02E0Y0-0100-G00-88	77CF	ver 88	** Previous ver.
	MFP Controller	A02E0Y0-0100-G00-62	2457	ver 62	** Previous ver.
	MFP Controller	A02E0Y0-0F00-G00-21	1342	ver 21	** Previous ver.
C353P	MFP Controller	A02E0Y0-0100-G00-7Q	12BD	ver 7Q MFP Controller [PWB-MFP]	** CURRENT
	MFP Controller	A02E0Y0-0100-G00-78	A7D2	ver 78 MFP Controller [PWB-MFP]	** CURRENT
	MFP Controller	A02E0Y0-0100-G00-62	2457	ver 62 MFP Controller [PWB-MFP]	
bizhub C360	MFP Controller	A0ED0Y0-0100-G00-D0	C7AC	ver D0	
				OpenAPI v3.5B	
	Scanner	A0ED0Y0-0023-G00-85	4A83		
	Printer	A0ED0Y0-0050-G10-06	1DBE		
	Fax Board	15LA-0040-G01-13-000	F105		
	FS-527	A0HR0Y0-0071-G01-07	D298		
	FS-529	A0U70Y0-0071-G01-06	E843		
Loadable Device Driver				ver 06 file: C220 C280 C360 A0ED0Y0-A001-G00-06.exe	
	MFP Controller	A0ED0Y0-0100-G00-C6	FA54	ver C6	
	MFP Controller	A0ED0Y0-0100-G00-B8	A7AA	ver B8 file: C220 C280 C360 A0ED0Y0-F000-G00-B8.exe	
	MFP Controller	A0ED0Y0-0100-G00-B4	6D4C	ver B4 file: C220 C280 C360 A0ED0Y0-F000-G00-B4.exe	
	MFP Controller	A0ED0Y0-0100-G00-90	2C6B	ver 90 file: C220 C280 C360 A0ED0Y0-F000-G00-90.exe	
	MFP Controller	A0ED0Y0-0100-G00-88	5045	ver 88	
	MFP Controller	A0ED0Y0-0100-G00-54	A004	ver 54	



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					Please See Page 05
Konica Minolta Color Models					
C452	MFP Controller	A0P00Y0-100-G00-C5	2158	ver C5	5
				OpenAPI v3.5B	
	Scanner	A0P00Y0-0023-G00-82	891A		
	Printer	A0P00Y0-0050-G00-15	7033		
	Fax Board 1	15LA-0040-G01-13-00	F105		
	Fax Board 2	15LA-0040-G01-13-00	F105		
	Operation Panel	A0P00Y0-8100-G00-C2	668E		
	Movie Data	A0P00Y0-A00-G00-04			
	FS-526	A11P0Y0-00N1-G00-31	7605	(C552/ C652)	
	FS-527	A0HR0Y0-0071-G01-07	D298	(C452)	
	JS-504	A0830Y0-0070-G02-03	F65A	(C452)	
	Loadable Device Driver			ver 06	
	MFP Controller	A0P00Y0-100-G00-B8	E86C	ver B8	
	MFP Controller	A0P00Y0-100-G00-B4	A520	ver B4	
	MFP Controller	A0P00Y0-100-G00-90	E648	ver 90	
	MFP Controller	A0P00Y0-100-G00-88	FA1B	ver 88	
	MFP Controller	A0P00Y0-100-G00-54	D510	ver 57	
	MFP Controller	A0P00Y0-0100-G00-24	5034	ver 24	
C550	MFP Controller	A00J0Y0-0100-G00-R5	6571	ver R6	4, 9
				OpenAPI v2.3	
	Scanner	A00J0Y0-0023-G00-34	184B		
	Printer	A00J0Y0-0023-G00-22	8605		
	Fax Board 1	15LA-0040-G00-10-00	7DF6		
	Fax Board 2	15LA-0040-G00-10-00	7DF6		
	Operation Panel	A00J0Y0-8100-G00-K1	E9FC		
	FS-517	A07R0Y0-00N1-GC1-22	59AA		
	FS-518	A07P0Y0-00N1-GC1-03	ED77		
	FS-608	A07U0Y0-00N1-GC1-22	59AA		
	MFP Controller	A00J0Y0-0100-GC1-22	35A8	ver GC1-22	Corrects P-14
	MFP Controller	A00J0Y0-0100-G00-R5	6571	ver G00-R5	
	MFP Controller	A00J0Y0-0100-G00-J8	ADF2	ver J8	
	MFP Controller	A00J0Y0-0100-G00-88	FB9C	ver 88	** Previous ver.
	MFP Controller	A00J0Y0-0100-G00-6M	DF2E	ver 6M	** Previous ver.
	MFP Controller	A00J0Y0-0100-G00-6B		ver 6B	** Previous ver.
	MFP Controller	A00J0Y0-0100-G00-58	A595	ver 58	** Previous ver.

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**KONICA MINOLTA**

**Production Print Systems**

**Black and White**



MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Konica Minolta Black and White Models					
7085	C1	18		ver 20	7
	C2	11			
	C3	14			
	C4	11			
	Operational	43		ver 43	
	Finisher	13			
	RADF	10			
	VIF	12			
	KN-306	6.34a		file: 13tjknfw634as1.exe	
IP-602	IP Controller	26.5.0		FLOPPY-UPDATE file: 13tbfwkm2650.exe	
7272	Image I-1	13-ULN0		ver 13	7
	Image I-2	12-ULN0			
	Image I-3	12-ULN0			
	Image I-4	12-ULN0			
	Image I-5	12-ULN0			
	C1	14		ver 16	
	C2	11			
	C3	15			
	C4	10			
	C5	15			
	511A_NIC	6.34b		file: 14kwknfw34bs1.exe	
IP-511A	IP Controller	26.4.3		file: 14kxptkm2643s1.exe	
Force 85	Image	44		ver 44	6
	C1	18		ver 20	
	C2	11			
	C3	14			
	C4	11			
	Operation 01	43		ver 43	
	Operation 02	43			
	Operation 03	43			
	Operation 04	43			
	Operation 05	43			
Di850	Image	45-00	3976d	ver 45	6
	Printer Control C1	18	3976d	ver 20	
	Printer Control C2	11	3976d		
	Printer Control C3	14	3976d		
	Printer Control C4	11	3976d		
	Operation 01	41	3976d	ver 41	
	Operation 02	41	3976d	ISW ver 3.42e Konica Minolta FTP	
	Operation 03	41	3976d		
	Operation 04	41	3976d		
	Operation 05	41	3976d		
	EDH F	11	3976d		
	Finisher N	15	3976d		
	VIF V	14	3976d		
	Punch z- folding h	40	3976d		
	Punch h	32	3976d		

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
Konica Minolta Black and White Models					
bizhub PRO 920	Image I-1	40		ver 40	7, 8, 9
	Image I-2	40			
	Image I-3	40			
	Image I-4	40			
	Image I-5	40			
	C1	14			
	C2	11			
	C3	11			
	C4	14			
	DF-606	A0-0100			
	FS-604	30			
	FS-509	30			
	PK-503	10			
	ZU-602	30			
IC-203	IC Print Controller	21-C0S0		ver 21-C0S0 For 920 Copier	
IC-203	IC Print Controller	14	TechKnow Mail 5-5-2006	ver 14 Micropress Support	
bizhub PRO 950	Image I-1	G80-23		ver G80-23	
	C1	G00-23			
	DF-616	G00-10		F	
	FS-528	G00-22			
	FS-611	G00-21		N	
	PK-504	G00-30		H	
	PK-505	G00-30			
	ZU-607	G00-20			
	MK-724	G00-10			
	GP-501	G00-10			
	IC-Control	G00-20			
	IC-Unit	G00-20MP		v20MP Micropress	
bizhub PRO 1050	Image I-1	70-000		ver 70 ** CURRENT	7, 8, 9
	Image I-2	70-000			
1050e	Image I-3	70-000			
1050P	Image I-4	70-000			
1050eP	C1	71-000		ver 71	
	C2	70-000			
	ADF F	11-0000			
	DF-603	11-000			
	FD-501	70-000		Multi Folder H	
	FS-503	71-000		H-Fold/ Staler B1	
	LS501-502	70-000		Stacker S1-1 and Stacker S1-2 *Paper Tab Exit Correction	
	SD-501	70-000		Stapler N1	
	PB-501	30-000		Perfect Binder J1	
				Performed by ISW or CF Card Update	
IC-611	IC Print Controller	30-C0I0		NON MICROPRESS	
	IP Control P1	30-C0I0		NON MICROPRESS	
	IP MICROPRESS	72-C0S0		VER 72-C0S0 MICROPRESS	
				** Performed by ISW call SSD for more Info.	
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**KONICA MINOLTA**

**Production Print Systems**

**Color**

MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
Konica Minolta Production Color Models					Please See Page 05
8050	Image	51			
	C1	51			7
	Operation 01	50			
	Operation 02	50			
	Operation 03	50			
	Operation 04	50			
	Operation 05	50			
C500	Image	14	TechKnow Mail 4-14-2006	ver 14	
	C1	12			7
	Operation 01	12			
	Operation 02	12			
	Operation 03	12			
	Operation 04	12			
	Operation 05	12			
	Image	14-CNO0		Note: If connected to an IC-301 CREO, IC-302, IC-405, IP-901, IP-921 use Image Firmware: 14-CNO0 file: c500_i114cno0p.exe	
CF5001	Image	51			
	C1	51			6
	Operation 01	50			
	Operation 02	50			
	Operation 03	50			
	Operation 04	50			
	Operation 05	50			
C5500 ineo+5500 C5501 ineo+5501	Image Control I1	A0E70Y0-00I1-G00-60		version 60	CURRENT
	Image Control I2	A0370Y0-00I2-G00-50			5, 9
	Image Control I3	A03U010-00I3-G00-50			
	Image Control I4	A03U0Y0-00I4-G00-10			
	Image Control I5	A03U0Y0-00I5-G00-40			
	Print Control C	A0E70Y0-00C1-G00-60			
	Multi Folder H	15BM0Y0-00H1-G00-30		FD-501	
	Saddle Stitcher B	15AQ0Y0-00B1-G00-30		SD-501	
	Stapler N1	15AE0Y0-00N1-G00-27		FS-503	
	Stapler N2	A04D0Y0-00N2-G00-34		FS-607	
	Stapler N2	A04D0Y0-00N2-G00-32		FS-520	
	Stacker S	15AT0Y0-00S1-G00-30		LS-501	
	RU R	A04J0Y0-00R1-G00-40		RU-503/504	
	Perfect Binder J	A0750Y0-00J1-G00-20		PB-501	
	ADF F	A0520Y0-00F1-G00-10		DF-609	
C6500 /C6500P ineo+6500 C6501 ineo+6501 C65hc	Image Control I1	A03U0Y0-00I1-G00-60		version 60	CURRENT
	Image Control I2	A03U0Y0-00I2-G00-50			5, 9
	Image Control I3	A03U010-00I3-G00-60			
	Image Control I4	A03U0Y0-00I4-G00-10		** Please install New Memory Board with version p/n-A03UH04013 if you have firmware version 25 and below.	
	Image Control I5	A03U0Y0-00I5-G00-40			
	Print Control C	A03U0Y0-00C1-G00-60			
	Multi Folder H	15BM0Y0-00H1-G00-30		FD-501	
	Multi Folder H	A0H00Y0-00H1-G00-60		FD-503	
	Saddle Stitcher B	15AQ0Y0-00B1-G00-30		SD-501	
	Saddle Stitcher B	A0H20Y0-00B1-G00-60		SD-506	
	Stapler N1	15AE0Y0-00N1-G00-26		FS-503	
	Stapler N1	A0GY0Y0-00N1-G00-60		FS-521	
	Stapler N2	A0DR0Y0-00N2-GMC-34		FS-607	
	Stapler N2	A0DR0Y0-00N2-GMC-32		FS-520	
	Stacker S	15AT0Y0-00S1-G00-31		LS-501	
	Stacker S	a0h10Y0-00S1-G00-10		LS-505	
	RU R	A04J0Y0-00R1-G00-40		RU-503/504	
	Perfect Binder J	A0750Y0-00J1-G00-20		PB-501	
	Perfect Binder J	A0v90Y0-00J1-G00-10		PB-502	
	ADF F	A0520Y0-00F1-G00-10		DF-609	







**KONICA MINOLTA**

**KIP**

**Wide Production Print System**





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**KONICA MINOLTA**

**MISC.**

**Solutions**





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MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See
					Page 05
MICROPRESS KM Printlinks					
IC-408	Patches	NONE			
VER. 2.0	Patches	NONE			
	Patches	NONE			
C5500	Image Control I1	A0E70Y0-00I1-G00-50	version 50	CURRENT	5, 9
PrintStation					
6565km			Note: Please see page 62 for additional firmware on Finishers		
IC-408	Patches	NONE			
VER. 2.0	Patches	NONE			
	Patches	NONE			
IC-408	Patches	NONE			
VER. 2.0	Patches	NONE			
	Patches	NONE			
C6500	Image Control I1	A03U0Y0-00I1-G00-50	version 50	CURRENT	5, 9
/C6500P					
			Note: Please see page 62 for additional firmware on Finishers		
PrintStation					
6565km					
Supported MicroPress/IC408 versions					
	<ul style="list-style-type: none"> <li>MP v 7.5.0.0 = IC-408 V 1.0a w/ 3 patches installed in order – 0.15k.ps, 0.15n.ps, 0.15o.ps</li> <li>MP v 7.5.0.1 = IC-408 v 1.1 mp</li> <li>MP v 7.5.1.1 = IC-408 v 1.1 or v 1.2</li> <li>MP v 7.5.1.1 SR 1 = IC-408 v 2.0</li> </ul>				
Note:	<ul style="list-style-type: none"> <li>IC-408 v 1.2 is a version of 1.1 code with a new fiery installer program (the installer program w/ v 1.1 didn't work well).</li> <li>MR v 7.5.1.1 SR 1 has been released and will be available soon. IC-408 v 2.0 code must be used with this version.</li> </ul>				
PrintStation	for Di750, Di850	305-000829-68.bin			
075m	for Di750PE	305-000829-69.bin			
PrintStation	for Di650, Di551	305-001106-13.bin			
065m	7165, 7155				
PrintStation	CF2001	305-000906-49-002-033-012			
2020m					
PrintStation	CF9001	305-000804-01.bin			
832m					
PrintStation	for Di620, Di520	305-000348-16.bin			
062	for Di620PE				
PrintStation	CF910, CF911	305-000406-08.bin			
Cii					



[illegible]





MODEL	IC#	VERSION	Reference	COMMENTS	Updated by
					Please See Page 05
<h1>CREO</h1>					
IC-304	Software	ver 2.0		System Software version 2.0 Service Pack 1	
CREO				DVD#1 304 fast install.iso [Windows XP OEM + Ghost]	
SERVER				IC-304 System Version 2.0 DVD 2.iso [CREO Application Software]	
	Patch	IC-304 v2.0 SP1.iso		<b>Service Pack 1 for version 2.0</b> <b>Note:</b> Contains all previously released patches. If you had patches already installed just install the Service Pack and reboot the CREO. Except for: the Konica Minolta Logo High Chrome Profile Patch for the C6500hc	
	Patch	C65hc_Vivid_Patch		Patch to support the C65 High Chroma Printer.	
	Patch	C65hc_Vivid_Patch_rollback		Special patch "ONLY" for bizhub PRO C65hc <b>Note:</b> If you installed this patch on a NON-C65hc you will need to re-install System Code option 1	
	Patch	KM Specific Patch		Konica Minolta Logo on the Desktop Wallpaper	
	Patch	Number of Copies and Range Patch SP1		Fixes 2 issues	
	Patch	Pure Black Patch		Black color will be preserved pure.	
	Patch	PB Cover Fix Patch		Fixes 2 issues	
	Patch	Paper_Profile Direction		Paper type Profile is not mapped correctly on v2.0 SP1	
	Patch	RIP-Patch1		<b>Corrects 2 issues:</b> 1. RIP results incorrectly when High Quality is selected. 2. Gray Objects are counted as Color.	
	Patch	JDF-Patch		Solves a problem when trying to save JDF files while printing.	
	Patch	DEX-VPS-Support		Solves a problem when printing VPS files from PrintShop Mail	
<h2>This Controller Model Connects to a C6500 series</h2>					

<b>MODEL</b>	<b>IC#</b>	<b>VERSION</b>	<b>Reference</b>	<b>COMMENTS</b>	<b>Updated by</b>
					<b>Please See Page 05</b>
<b>CREO</b>					
<b>IC-304</b>	<b>Software</b>	<b>ver 2.1</b>		<b>System Software version 2.1</b>	
<b>CREO</b>	<b>Patch</b>	<b>KM Specific v2_1</b>		Patch that brings the Konica Minolta logo to the desktop's wallpaper,	
<b>SERVER</b>	<b>Patch</b>	<b>N-Of-Copy-V2.1</b>		This patch will change the behavior of printing number of copies and range on imposition job.	
	<b>Patch</b>	<b>Calibration Info Patch</b>		The Calibration date is not displayed on the Calibrated Media Types window.	
	<b>Patch</b>	<b>C65HC-Vivid_Patch</b>		A patch to support the C65 High Chroma Printers.	
	<b>Patch</b>	<b>Expand CT</b>		One pixel line may appear on the borders between the images.	
	<b>Patch</b>	<b>Import Color Profile</b>		Some color profiles cannot be imported through the Resource Center> Profiles Manager dialog.	
	<b>Patch</b>	<b>Scan Lines</b>		Thin lines appear on file margins when scanning job.	
	<b>Patch</b>	<b>Update Pantone Dictionary</b>		More accurate match when printing spot colors.	
	<b>Patch</b>	<b>DEX-VPS-V2_1</b>		The patch solves a problem when printing VPS files from PrintShop Mail application through the Creo Graphic Printer Driver	
	<b>Patch</b>	<b>Export_PDF_Patch</b>		RTP job that contain a point on its name the PDF2Go process will be failed.	
	<b>Patch</b>	<b>Slim Text Patch</b>		The Slim Text option in the job parameters window, in Quality>C6500 Text/Graphics Quality, does not function properly on black and white files.	
	<b>Patch</b>	<b>Banner_Print_v2.1</b>		<b>NOT SUPPORTED by KMBS</b>	
	<b>Patch</b>	<b>SPD_Support_V2.1</b>		The SPD support update creates a virtual printer on the IC-304 print controller that enables the print controller to accept jobs that contain set page device commands.	
	<b>Patch</b>	<b>RipNT_Patch</b>		Sometimes, RipNT.exe error occurs when processing a job.	
	<b>Patch</b>	<b>IC-304 V2.1-12647-8_ISO_Patch</b>		When you submit a file for printing with the ISO conformance level check box selected (under Job Slugs option), the ISO number that was printed was 12647-7. With this patch, the ISO number that is recently changed to 12647-8.	
	<b>Patch</b>	<b>IAPS Patch_2.1</b>		The purpose of IAPS patch is to enable the IC-304 controller to print IPDS data stream files. The IPDS data stream is converted by IAPS box to PS files that include SPD commands for the IC-304 Controller. Thos PS files are being sent to the IC-304 controller via port 9100.	
	<b>Patch</b>	<b>VPS_RIP_Patch</b>		Some VPS files might fail in process.	
	<b>Patch</b>	<b>Preserve Black Patch</b>		For an RTP (ready-to-print) job in the Storage area, when you select the Preserve black color check box in the job parameters window (Color>Color Flow), and then submit the job for printing, the job moves to the Print queue without reproprocessing.	
	<b>Patch</b>	<b>PDF Optimization Patch</b>		When the PDF Optimization check box (Job Parameters>Services>Optimization) is selected, some elements might be missing after the PDF files are RIPed.	
	<b>Patch</b>	<b>Delete Scans Patch</b>		Scans that are on the D:\Public Scans folder are being deleted automatically everyday. This was dine in order to make sure that the D: drive will not get an out of disk space status.	
	<b>Patch</b>	<b>Zeto Gutter Patch</b>		When you select the Saddle Stitch imposition method (Job parameters>Imposition method), and then select number of sets, the default gutter between sets is et to 10mm. This value is transparent to the user and cannot be changed. As a result, for example you cannot print teo 2 sets of an A5 document on one A3 size paper.	

[illegible]

[illegible]







## eCopy Machines

eCopy ShareScan version 4.3.5.254

B/W MFP MODELS	FIRMWARE	TWAIN DRIVER VERSION
bizhub 200/250/350	ver. 31_UL	Send to eCopy Function Only
bizhub 360/420/500	ver. 31_UL	2.0.11d
bizhub 361/421/501	ver. 21	3.1.2.28 NoGUI
bizhub 223/283/363/423	ver. C2	3.1.2.28 NoGUI
bizhub 502/602	ver.	3.1.2.28 NoGUI
bizhub 552/652	ver. F3	3.1.2.28 NoGUI
bizhub 600/750	ver. 30_UJ	2.0.11d
bizhub 601/751	ver. 20	3.1.2.28 NoGUI
bizhub PRO 920	ver. 40	2.1.0.0
bizhub PRO 950	ver. 22	3.1.2.28 NoGUI
bizhub PRO 1050e	ver. 30	2.1.0.0
bizhub PRO 1051/1200	ver. 30	3.1.2.28 NoGUI
Color MFP MODELS	FIRMWARE	TWAIN DRIVER VERSION
bizhub C203/C253/C353	ver. R6	3.1.2.28 NoGUI
bizhub C220/C280/C360	ver. B8	3.1.2.28 NoGUI
bizhub C250/C252/C300	ver. K0	3.1.2.28 NoGUI
bizhub C351/C352/C450	ver. K0	3.1.2.28 NoGUI
bizhub C451/C550/C650	ver. R6	3.1.2.28 NoGUI
bizhub C350	Phase 1	n/a
bizhub C452/C552/C652	ver. B8	3.1.2.28 NoGUI
bizhub C552DS/C652DS	ver. B8	3.1.2.28 NoGUI
bizhub PRESS C6000+IC-601	ver. 21	3.1.2.28 NoGUI
bizhub PRESS C7000+IC-601	ver. 21	3.1.2.28 NoGUI
<b>Note: Do not install any earlier firmware versions than those listed above.</b>		
<b>All Newer Copier Firmware are Supported.</b>		
<b>* Make sure that you use the mentioned specific twain drivers</b>		
Rev. June 8, 2011		

# Integrated eCopy Machines

## eCopy ShareScan version 4.6.5

B/W MFP MODELS	FIRMWARE	Open API ver
bizhub 361/ 421/ 501	20-GJ1	3.5
bizhub 601/ 751	N/A *	3.5

\* Available 1st Qtr of 2010

Color MFP MODELS	FIRMWARE	Open API ver
bizhub C203	GK5-CG	3.5
bizhub C220	GC2-57	3.5
bizhub C253	GK0-CG	3.5
bizhub C280	GC2-57	3.5
bizhub C353	GJ0-CG	3.5
bizhub C360	GC2-57	3.5
bizhub C451	GJ0-CG	3.5
bizhub C550	GJ0-CG	3.5
bizhub C650	GJ0-CG	3.5
bizhub C552	GC2-57	3.5
bizhub C652	GC2-57	3.5

**Make sure the following items are installed on your MFP's:**

bizhub 361/421/501		
LK-101	i-Option License Kit (Web Browser/Image Panel)	A0PD011
UK-202	Upgrade Kit (for i-Option)	A120WY1

bizhub C203/C253/C353/C451/C550/C650		
LK-101	i-Option License Kit (Web Browser/Image Panel)	A0PD011
UK-201	Upgrade Kit (for i-Option)	A0PDWY1

bizhub C452/C552/C652		
LK-101 v2	i-Option License Kit (Web Browser, Image Panel, Scan-to-SharePoint)	A0PD01A6
UK-203	Memory Upgrade Kit (for i-Option)	A0YDWY1

**Note:** Do not install any earlier firmware versions than those listed above.



## Integrated Equitrac

(Equitrac Integrated for Konica Minolta)

B/W MFP MODELS	FIRMWARE	
bizhub 361/ 421/ 501	v20 or higher	
bizhub 601/ 751	v18 or higher	

Color MFP MODELS	FIRMWARE	
bizhub C203	vR5 or higher	
bizhub C220	v54 or higher	
bizhub C280	v54 or higher	
bizhub C353	vR5 or higher	
bizhub C360	v54 or higher	
bizhub C451	vR5 or higher	
bizhub C550	vR5 or higher	
bizhub C650	vR5 or higher	
bizhub C452	v26 or higher	
bizhub C552	v26 or higher	
bizhub C652	v26 or higher	

**Note:** Do not install any earlier firmware versions than those listed above.

# Printgroove



Model Name	Version	Note
Serve	PSG0105031025828	1.5.3 [Build: PSG0105031025828] - a.k.a v.1.5.3
Guide	PSG0105031025828	1.5.3 [Build: PSG0105031025828] - a.k.a v.1.5.3
Queue	PGQ010503102353	1.5.3 [Build: PGQ0105031023530] - a.k.a v.1.5.3
Queue Client	1.5.03000	Version 1.5.03000 [ Build 0.0.86]
POD Driver - Windows	1.5.03000	Version 1.5.03000 [Build 1.5.34]
POD Driver- MAC	1.5.03000	Version 1.5.03000 [Build 1.50.44]
Ready	1.1.03400	

Model Name	Program	Version	Note
bizhub Pro 1050	Print Control	50	Use most Current Base Firmware
	Image Control	50	
DF-603	DF Control	11	
FS-503	FS Control	50	
LS-501/502	LS Control	50	
FD-501	FD Control	50	
SD-501	SD Control	50	
PB-501	PB Control	20	
IC Controller	Print Controller	30-COK0	PostScript language is required.

Model Name	Program	Version	Note
bizhub Pro 920	Print Control	14	
	Image Control	40	
DF-606	DF Control	11	
FS-604	FS Control	30	
FS-509/516	FS Control	30	
PK-503	PK Control	10	
ZU-602	ZU Control	30	
IC-203	Print Controller	20-COK0	PostScript language is required.

Model Name	Program	Version	Note
bizhub Pro 950	Print Control	GU0-11	

\*\* Please see SOLUION ID's: [TAUS0902885EN00](#), [TAUS0702782EN01](#) and [TAUS1002405EN00](#) for additional information

**Note:** Do not install any earlier firmware versions than those listed above.



Model Name	Program	Version	Note
bizhub Pro C6500	Print Control	G00-25	Use most Current Base Firmware
	Image Control	G00-25	
FD-501	Multifold	G00-20	
SD-501	Saddle Stitcher	G00-20	
FS-503	Stapler Control	G00-20	
FS-607	Stapler Control	G00-20	
LS-501	Stacker Control	G00-20	PostScript language is required.
RU-503/504	Relay Unit	G00-20	Need to provide User ID and Password in order to print from Printgroove POD Queue
IC-303	Print Controller	ver. 1.02	
IC-304	Print Controller	ver.2.0 TBA	
IC-408	Print Controller	ver.1.01 TBA	

\*\* Please see SOLUTION ID's: [TAUS0902885EN00](#), [TAUS0702782EN01](#) and [TAUS1002405EN00](#) for additional information

**Note:** Do not install any earlier firmware versions than those listed above.



Model Name	Program	Version	Note
bizhub Pro C500	Print Control	12-0000 PBD0	Use most Current Base Firmware
	Image Control	13-000 14-CNO0	
	Operation	12-000	
FS-513/FS-606	FNS Control	10-000	
IP-901	Printer Controller	ver. 2.0 System 6 SP1	PostScript language is required.
IC-302	Printer Controller	ver. 2.1 System 6 SP1	Need to provide User ID and Password in
IC-405	Printer Controller	ver. 2.0 or later System 8e	order to print from Printgroove POD Queue
IC-301	Printer Controller	ver. 1.0 SP2	
Model Name	Program	Version	Note
Konica Minolta 8050	Print Control	51-0000	Use most Current Base Firmware
	Image Control	51-0000	
	Operation	50-0000	
FS-115/FS-215	FNS Control	16-0000	
IP-901	Printer Controller	ver. 2.0 System 6 SP1	PostScript language is required. Need to provide User ID and Password in order to print from Printgroove POD Queue

**Note:** Do not install any earlier firmware versions than those listed above.

Rev. Oct. 01, 2008

**Note-** The Printgroove POD driver and Queue client software are resident on the Printgroove server.

Most of the Printgroove updates usually include new versions Printgroove POD driver and Queue client software.

The customer should always perform an "Add Remove" programs on their PC to remove the previous versions, reboot their PC, then download and install the new ones.

The customer should always download and use the versions that come with the server as they are designed to work with the version of Printgroove that they come with.



Model Name	Program	Version	Note
Konica Minolta 7085	Print Control	20	Use most Current Base Firmware
		C1 18-0000	
		C2 11-0000	
		C3 14-0000	
		C4 11-0000	
	Image Control	44-0000	
	Operation	01 43-0900	
		02 43-0000	
		03 43-0000	
		04 43-0000	
		05 43-0000	
RADF		11-000	
Finisher N		13	
FS-111/FS-211	FNS Control	15	
PU-108/PU-109	Punch Unit	32	
PZ-108/PZ-109	Punch+Z-Fold	40	
VI-602	Video I/F Board	12-0000	
IP-602/IP-602M	Printer Controller	NOA 26.5.0	Need to change the Base Port number to 9100.
	NIC ROM	ver.6.26A	This can be performed via the Web Utility Page
		KN-306 6.34a	for Network Setup.
			However, the System password will be required
			to make this modification.
			The modification can be verified via the 7085
			driver as 9101.
			Refer to the "How to Use Web Utilities [7085/IP-602]
			to Obtain Configuration
<b>Note: Do not install any earlier firmware versions than those listed above.</b>			

Rev. Oct. 01, 2008

**Note-** The Printgroove POD driver and Queue client software are resident on the Printgroove server.

Most of the Printgroove updates usually include new versions Printgroove POD driver and Queue client software.

The customer should always perform an "Add Remove" programs on their PC to remove the previous versions, reboot their PC, then download and install the new ones.

The customer should always download and use the versions that come with the server as they are designed to work with the version of Printgroove that they come with.





KONICA MINOLTA

**SOLUTIONS SUPPORT &  
Development**



**KONICA MINOLTA**

**Basic Troubleshooting  
Guide**

## Troubleshooting Tips/Techniques

### *Identify, Eliminate, Resolve*

- **Troubleshooting** is the ability to: **identify** the problem, narrow down the possible causes, **eliminate** the probable cause, and efficiently **resolve** the problem in a timely manner.



- Troubleshooting is a technique, while some call it an art, it can be learned. What you must realize is how to **systematically** approach a problem in an **organized**, and **logical** manner.



## Troubleshooting Tips/Techniques

### *Identify, Eliminate, Resolve*

- You do not need to be an expert in the industry to become a successful troubleshooter. **Knowledge** of the proper sequence of operation, and having the **proper tools**, will allow you to successfully troubleshoot most problems.
- A good technique is to formulate a plan of attack! **Define, duplicate or re-create**, and **isolate** the problem. Finally **correct the problem** or replace the defective component then proceed with normal or preventative maintenance to prevent future equipment failures.



## How to Test Outlet Voltage

### Digital Copier Basic Information

#### Cable Color Coded Guide

**RED**

24V DC

**PINK**

12V DC + / - 2V

**YELLOW**

5V DC + / - 2V

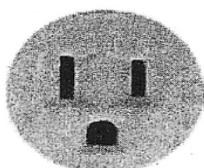
**GREEN**

Ground

**GRAY**

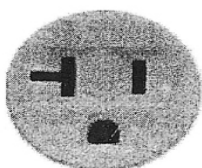
Signal Line

#### Electrical Power Information



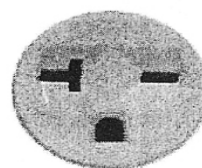
**120 Volt 15 AMP  
NEMA 5-15R**

DI151-DI470  
Bizhub 160, 161F,  
200, 250, 350  
C250,350,351,450  
External Fier  
5001 Trimmer &  
LLC



**120 Volt 20 AMP  
NEMA 5-20R**

Bizhub  
600,750  
DI5510  
DI7210  
DI7255  
DI7272



**220 Volt 20 AMP  
NEMA 6-20R**

C500  
Bizhub 920  
Bizhub 1050

# How to Test Outlet Voltage

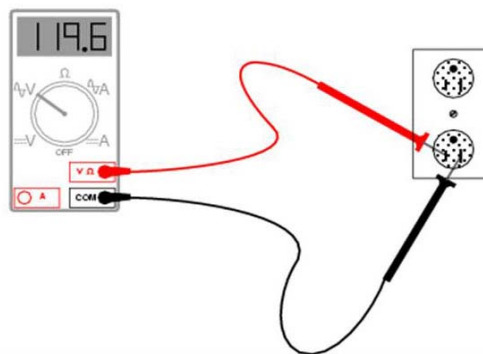
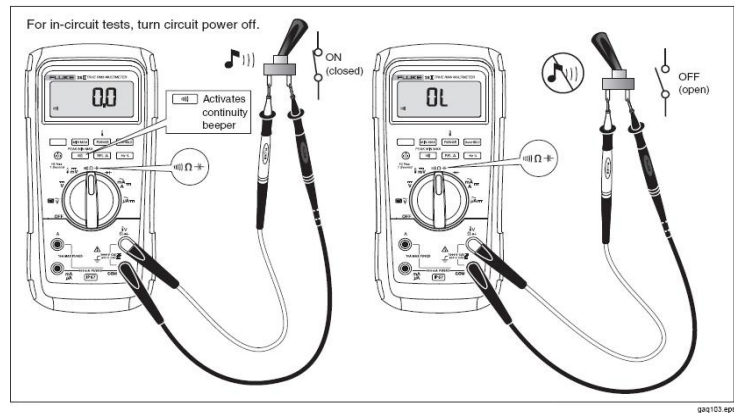
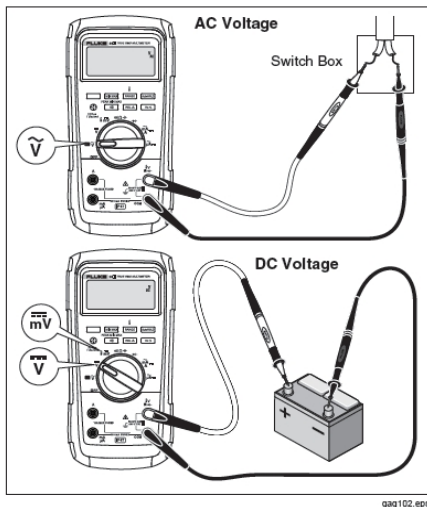
**Caution: Please read our safety information before attempting any testing or repairs.**

Working with live electrical current can be very hazardous.  
Testing voltage output requires working with electrical current.  
Do not attempt this measurement without the proper tools and safeguards.

To measure the voltage at an electrical outlet requires the use of a multimeter.  
Always test your test equipment for proper operation before use.

Set the multimeter to AC voltage. The markings may appear as VAC, AC V, or a V beneath a wavy line. Choose the AC voltage closest to the voltage you will measure.  
Standard current in home and businesses in the USA is in the range of 110 to 120 volts.  
Some circuits used for equipment such as dryers, air conditioners, electric stoves, ovens and other large equipments like the [bizhub PRO 1050](#) may use voltage in the range of 220 to 240 volts.  
These heavy-duty circuits can be identified by their non-standard outlet plugs.

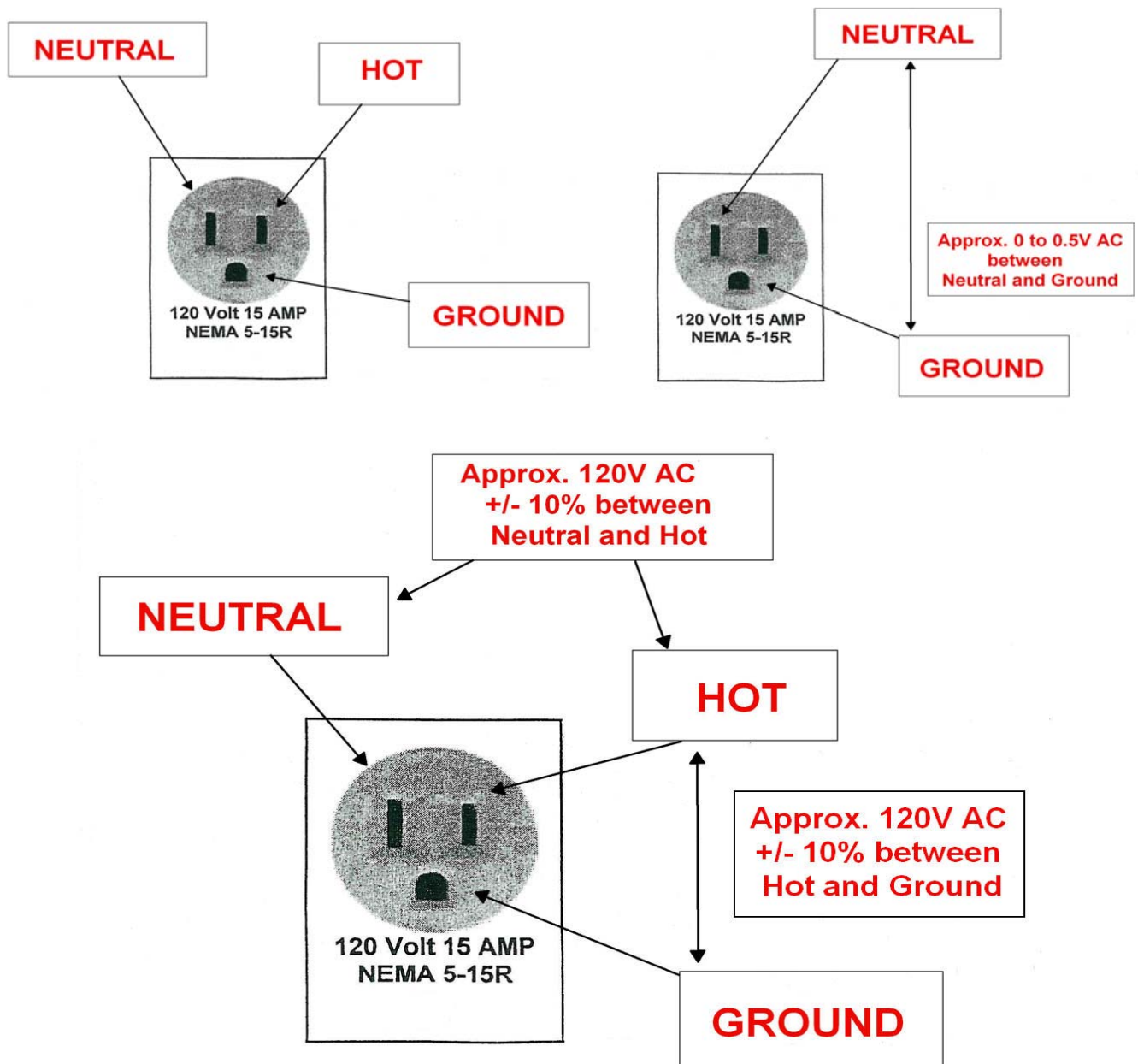
While grasping the insulated portion of the probes (never touch the metal conductor during testing) place one probe into each of the two terminals.  
The multimeter will display the voltage.



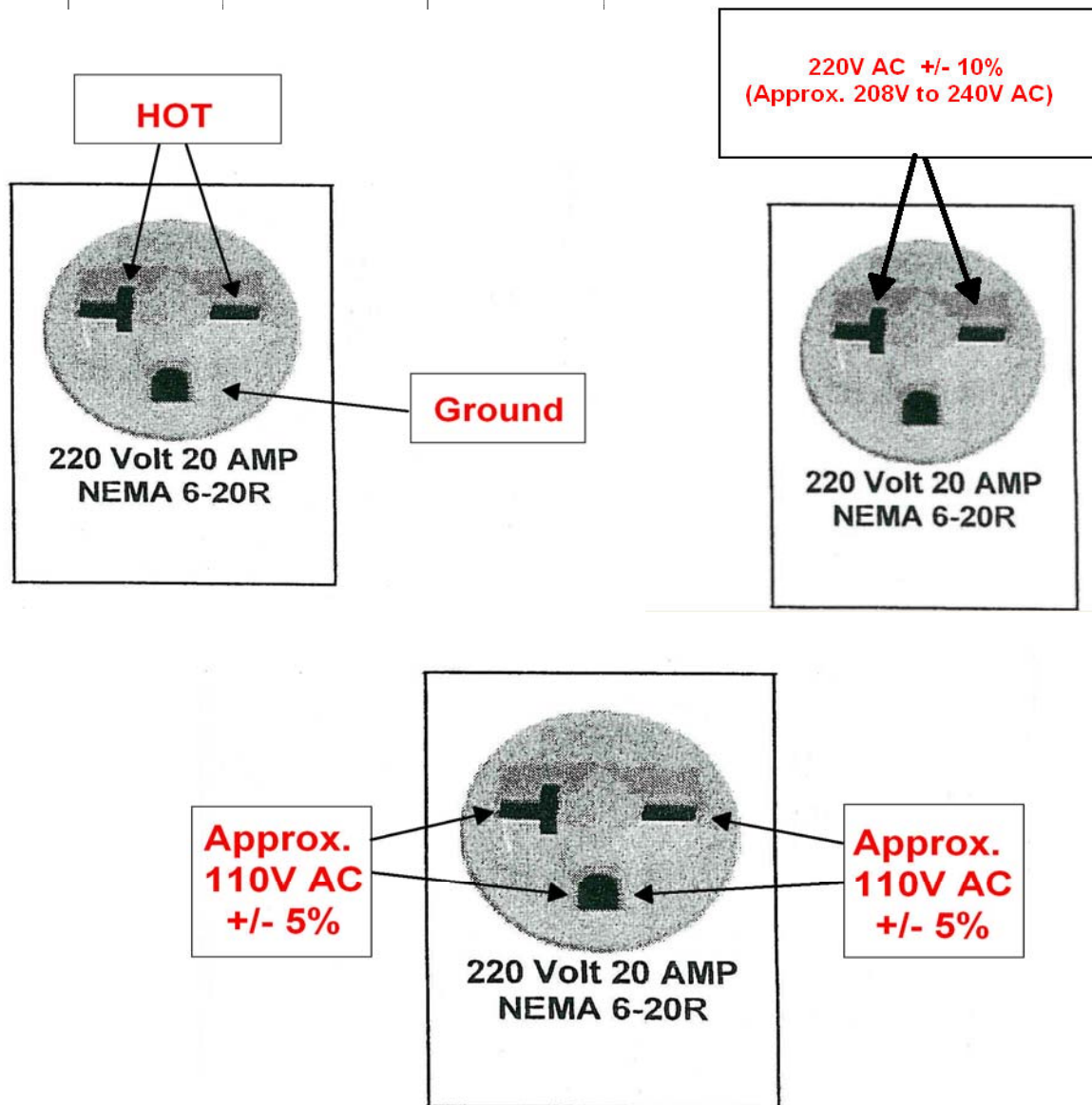
Carefully remove the probes, being careful not to touch the metal part of the probes to anything or each other.  
The voltages should typically test in the range of 108 to 121 volts for most circuits.  
If voltage is higher or lower, professional electrical service may be required.

Additional information: [http://www.allaboutcircuits.com/vol\\_1/chpt\\_3/9.html](http://www.allaboutcircuits.com/vol_1/chpt_3/9.html)

## 120 Volt Line



## 220 Volt Line





## 250 Volt Line



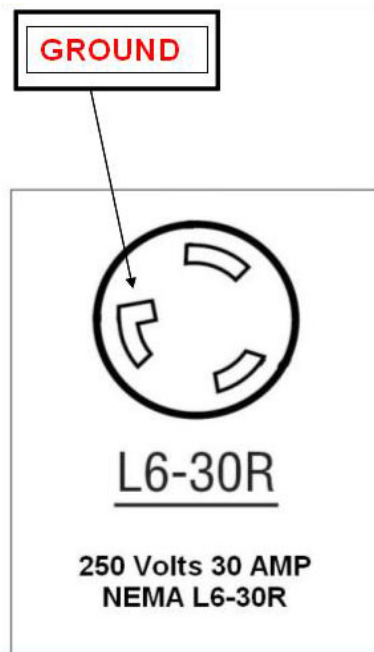
L6-30P



L6-30R



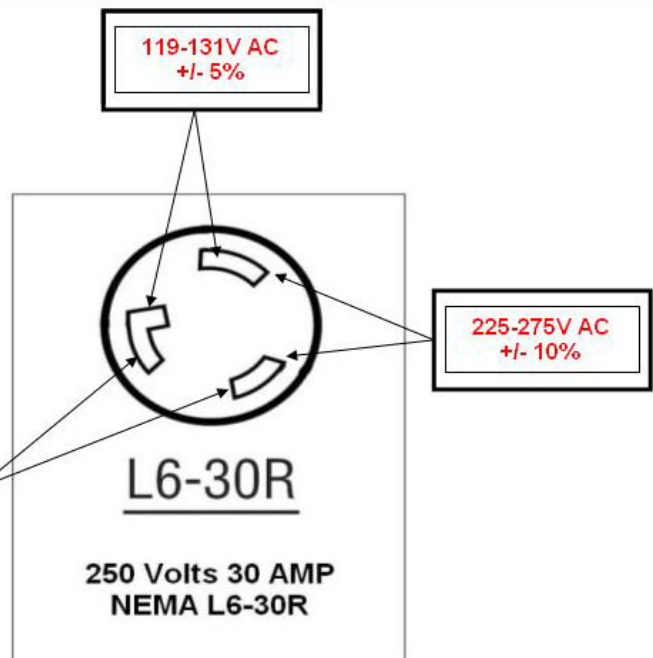
30A 250V  
NEMA L6-30R



L6-30R

250 Volts 30 AMP  
NEMA L6-30R

119-131V AC  
+/- 5%



L6-30R

250 Volts 30 AMP  
NEMA L6-30R





# Product Matrix

Konica Minolta MODEL	AMPS	VOLTS	OUTLET	Konica Minolta PART #	ESP MODEL	COMMENTS/ADDITIONAL INSTRUCTIONS
Fax 2900-3900	15	115		7640001106	D5133NT	
C250-C250P	15	115		7640001106	D5133NT	
C252-C252P	15	115		7640001106	D5133NT	
C300	15	115		7640001106	D5133NT	
C350	15	115		7640001106	D5133NT	
C351	15	115		7640001106	D5133NT	
C352	15	115		7640001106	D5133NT	
C450-C450P	15	115		7640001106	D5133NT	
C500	20	208		7671000281	E524ZNT	Needs additional 15/115 circuit if configured with a trimmer unit
C550	20	115		7640001107	D5143NT	
C6500	20	208		7671000281	E524ZNT	Needs additional 15/115 circuit if configured with a RU-504
CF2002-CF3102	15	115		7640001106	D5133NT	
CF5001	20	208		7671000281	E524ZNT	Needs additional 15/115 circuit if configured with a trimmer unit
8020-8031	15	115		7640001106	D5133NT	
8050	20	208		7671000281	E524ZNT	Needs additional 15/115 circuit if configured with a trimmer unit
Bizhub 160	15	115		7640001106	D5133NT	
Bizhub 161f	15	115		7640001106	D5133NT	
Bizhub 180	15	115		7640001106	D5133NT	
Bizhub 200, 250, 350	15	115		7640001106	D5133NT	
Bizhub 600, 750	20	115		7640001107	D5143NT	
Di1610	15	115		7640001106	D5133NT	
Di1811p	15	115		7640001106	D5133NT	
Di2010-Di3510	15	115		7640001106	D5133NT	



# Product Matrix

Konica Minolta MODEL	AMPS	VOLTS	OUTLET	Konica Minolta PART #	ESP MODEL	COMMENTS/ADDITIONAL INSTRUCTIONS
Di5510-Di7210	20	115		7640001107	D5143NT	
Di850	20	208		7671000281	E524ZNT	Needs additional 15/115 circuit if configured with a trimmer unit
1050-1050P-1050e-1050eP	20	208		7671000281	E524ZNT	Needs additional 15/115 circuit if configured with a SD-501
Bizhub 920	20	208		7671000281	E524ZNT	Needs additional 15/115 circuit if configured with a trimmer unit
7415	15	115		7640001106	D5133NT	
7115-7118	15	115		7640001106	D5133NT	
7115F-7118F	15	115		7640001106	D5133NT	
7218	15	115		7640001106	D5133NT	
7022-7130-7135	15	115		7640001106	D5133NT	
7222-7228-7235	15	115		7640001106	D5133NT	
7145	15	115		7640001106	D5133NT	
Bizhub 360 420 500	15	115		7640001106	D5133NT	
7255-7272	20	115		7640001107	D5143NT	
7155-7165-Force65	20	115		7640001107	D5143NT	
Force75	20	208		7671000281	E524ZNT	Needs additional 15/115 circuit if configured with a trimmer unit
7085-Force85	20	208		7671000281	E524ZNT	Needs additional 15/115 circuit if configured with a trimmer unit

# How to Check Color MFP Firmware

## C452 Series (Workgroup/ Office MFPs)

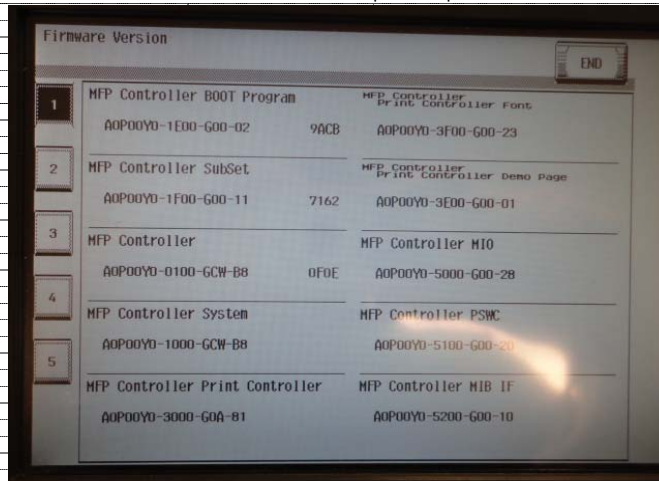
Firmware Level for a Workgroup MFP is located in Service Mode> Firmware

Look for **MFP Controller** (3rd Line down)

In the below sample the firmware level is: GCW-B8 (Special Driver of version B8)

If the below sample displayed G00-B8 (This would've been a Base Firmware version B8)

**Service Mode:** Utility/Counter → Meter Count → Check Details → Stop 001 Stop 01 → Firmware Version



## C7000 Series (Production PRO/ PRESS)

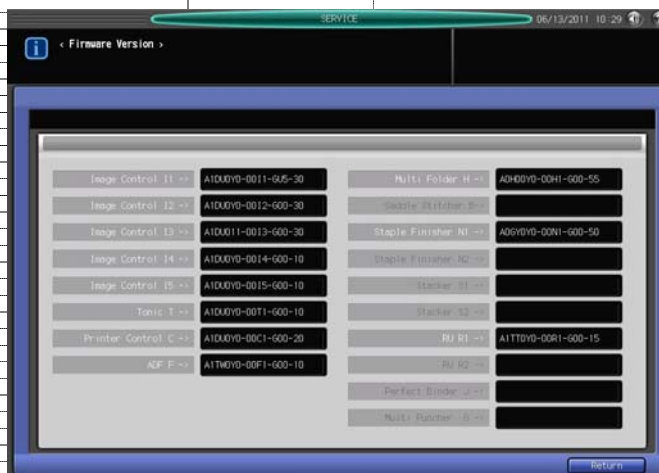
Firmware Level for a Production PRO or PRESS is located in Service Mode> Firmware

Look for **Image Control I1**

In the below sample the firmware level is: GU5-30 (Special Driver of version 30)

If the below sample displayed G00-30 (This would've been a Base Firmware version 30)

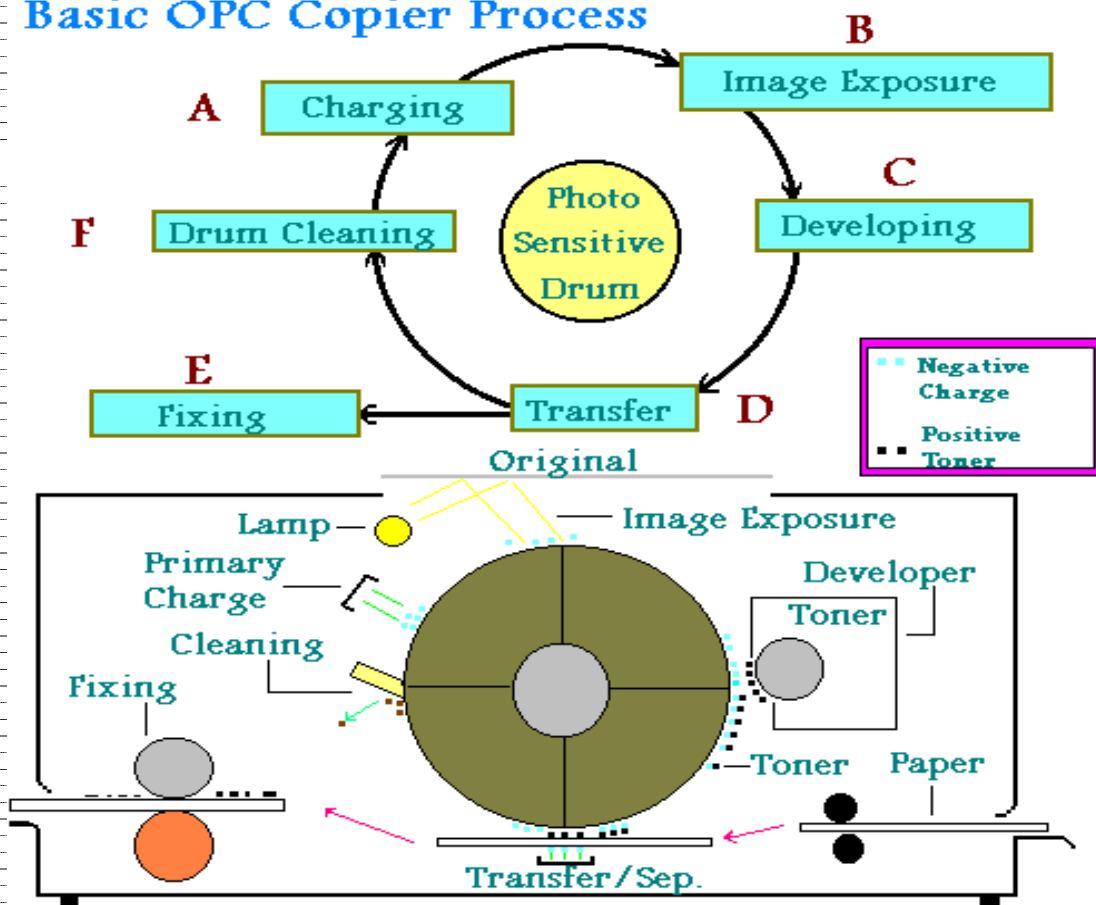
**Service Mode:** Utility/Counter → Stop 001 Stop 01 → Firmware Version → Firmware Version



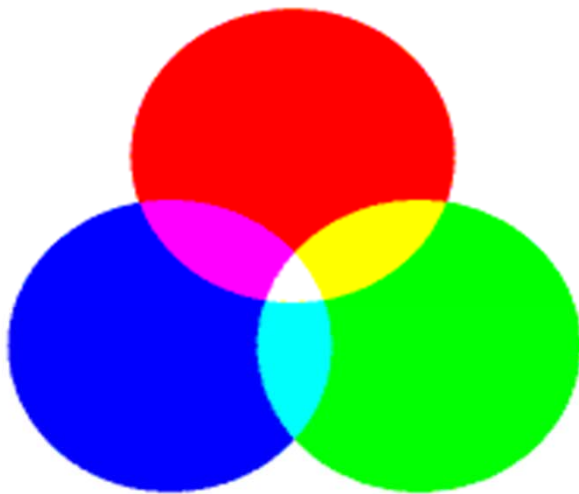
## Basic Copier Process

- |                       |                        |
|-----------------------|------------------------|
| 1. Charging [A]       | 4. Transfer [D]        |
| 2. Image Exposure [B] | 5. Fixing / Fusing [E] |
| 3. Developing [C]     | 6. Drum Cleaning [F]   |

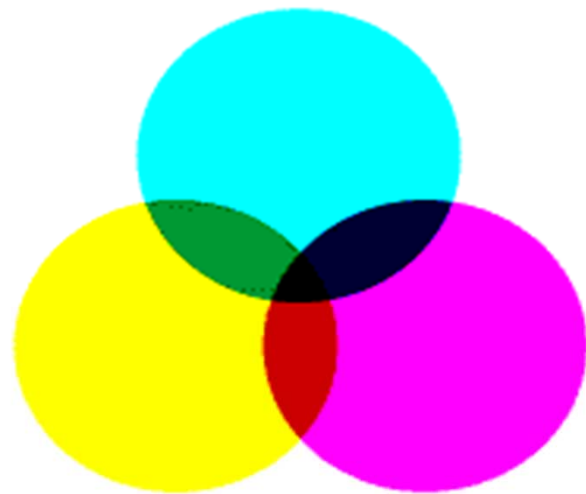
### Basic OPC Copier Process



## COLOR WHEEL



**RGB**  
(ADDITIVE)



**CMYK**  
(SUBTRACTIVE)

<b>RGB</b>	Red, Green, and Blue are the Primary Colors of Light.
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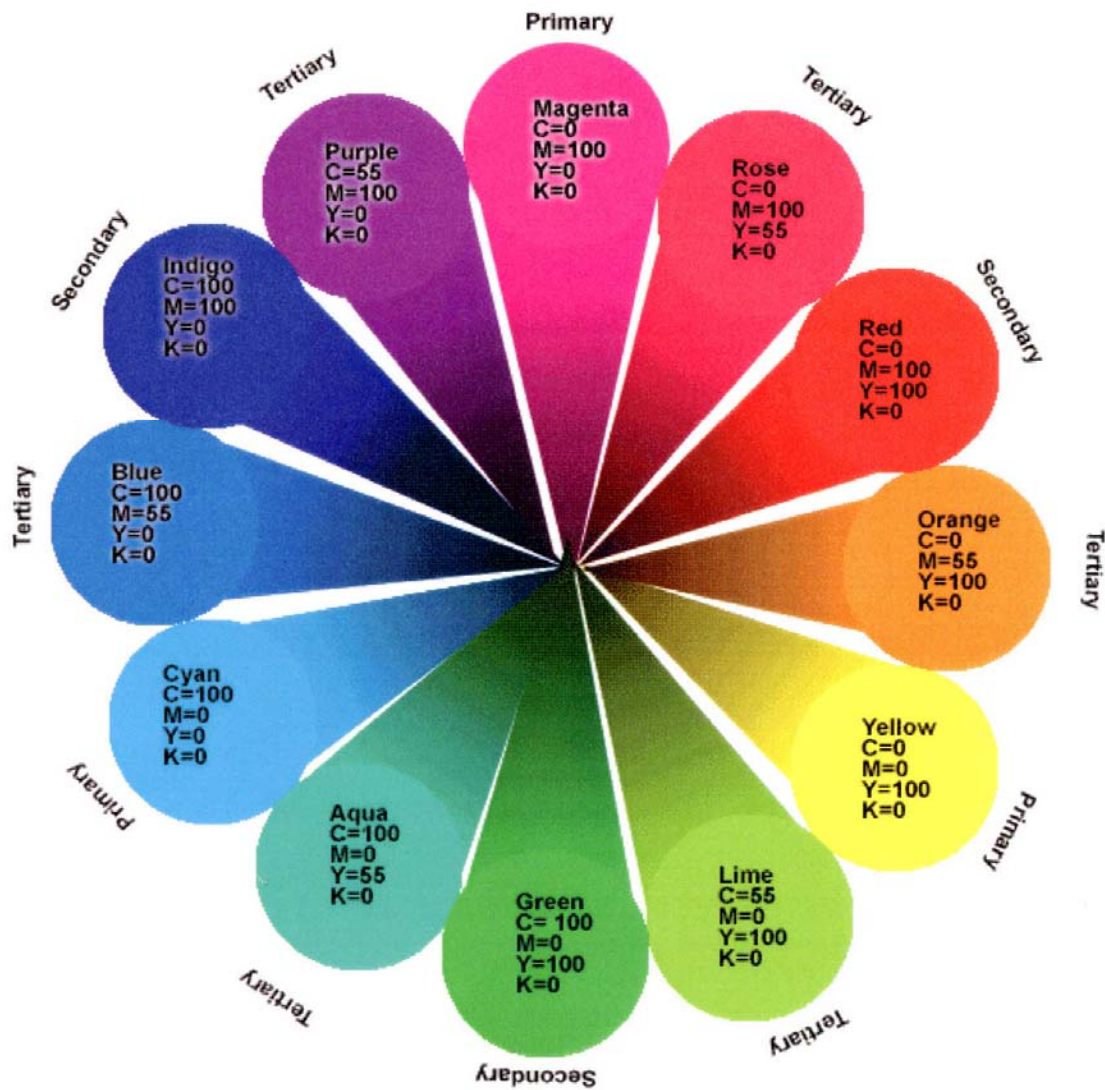
<b>CMYK</b>	Cyan (Blue), Magenta (Red), Y (Yellow) and K (Black) are the Secondary Colors
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<b>Hue</b>	The quality of color which can be described by words such as red, yellow, blue, etc.
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<b>Brightness (Value)</b>	The quality of color which can be described by words such as light, dark.
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<b>Saturation (Chroma)</b>	The quality of color which can be described by words such as vivid, dull.
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Primary colors are "pure" colors. In the case of CMYK, they are Cyan (C), Magenta (M), Yellow (Y). K is black and is used to darken these colors and to print text to save on wasting color when it isn't needed.

Secondary Colors are made from mixing two primary colors together.

Tertiary Colors are made from mixing a primary and secondary color together.

The CMYK Color Wheel. Subtractive colors when mixed together eventually become black. In practice, though, the colors get near to black unless black (the K of CMYK) is added. The center area of this color wheel shows each of these primary, secondary and tertiary colors with black gradually added until K is 100%

## KONICA MINOLTA ENGINE COMPARISON CHART

B/W COPIERS	
MINOLTA	KONICA
Di151	7415
Di152	7115
Di151f	7415f
Di152f	7115f
Di183	7118
Di183f	7118f
Di551	7155
Di650	7165
Di750	7075
Di850	7085
Di5510	7255
Di7210	7272

COLOR COPIERS	
MINOLTA	KONICA
CF910	7823
CF1501	7915
CF2001	7920
CF2002	8020
CF3102	8031
CF5001	8050
CF9001	7832

## Controller / Engine cross reference

### By Engine

Engine / Color	Emperon Controller	Fiery Controller	Other
C250-C250P-C252	Standard	N/A	N/A
C300-C352-C352P	Standard	IC406 (opt.)	N/A
C350	Standard	IC401 (opt.)	N/A
C351-C450-C450P	Standard	IC402 (opt.)	N/A
C253-C353-C353P C451-C550-C650	Standard	IC409 (opt.)	N/A
C500	N/A	IP901, IP921 IC405 (all opt.)	IC301 (Creo) (opt.) Micropress 7 (opt.)
C5500	N/A	IC408	IC304 (Creo) (opt.)
C6500-C6501	N/A	IC408, IC303, IC-305	IC304 (Creo) (opt.)
Engine / BW	Emperon Controller	Fiery Controller	Other
Bizhub 160	N/A	N/A	GDI printing only
Bizhub 161F	Standard PCL only	N/A	N/A
Bizhub 180	IC 205 (opt.)	N/A	GDI printing standard
Bizhub 200-250-350	Standard PCL/PS	N/A	N/A
Bizhub 420-500	IC204 (opt.)	N/A	N/A
Bizhub 600-750	IC202 (opt.)	N/A	N/A
Bizhub 920	IC203 (opt.)	N/A	Micropress 7 (opt.)
Bizhub 1050-1050P	IC611 (standard) Ver1 PCL Ver2 PCL/PS	N/A	Micropress 7 (opt.)



## Controller / Engine cross reference

### By controller

Controller	Engines
IC202 (Emperon)	Bizhub 600-750 (opt.)
IC203 (Emperon)	Bizhub 920 (opt.)
IC204 (Emperon)	Bizhub 420-500 (opt.)
IC205 (Emperon)	Bizhub 180 (opt.)
IC301 (Creo)	C500 (opt.)
IC303 (Fiery)	C6500, C6501 (opt.)
IC304 (Creo)	C5500, C6500, C6501 (opt.)
IC305 (Fiery)	C5501, C6500, C6501 (opt.)
IC401 (Fiery)	C350 (opt.)
IC402 (Fiery)	C351-C450-C450P (opt.)
IC405 (Fiery)	C500 (opt.)
IC406 (Fiery)	C300-C352-C352P (opt.)
IC408 (Fiery)	C5500-C6500 (opt.)
IC409 (Fiery)	C253-C353-C353P (opt.) C451-C550-C650 (opt.)
IC611 (Emperon)	Bizhub 1050-1050P (standard)
IP901 (Fiery)	C500 (opt.)
IP921 (Fiery) disc.	C500 (opt.)
Micropress 7.5	C500 w/IP921 or IC405 C6500 w/ IC-408 Bizhub 920-1050



Konica Minolta Business Solutions is extremely proud of our bizhub Customer Care Center. This centralized customer support facility is dedicated to providing our customers with the ultimate "bizhub Customer Care Experience". The experience is simply defined as Predictable, Professional and Personalized.

This outstanding center includes the following:

**National Customer Support Center (NCSC):** Dispatches and processes all customer service and supply requests.

**Solutions Support and Development Group:** Provides technical hotline and web-based support for national technical support group

**Solutions Engineering Center (SEC):** Develops customer driven software solutions for our products.

**National Account Administration:** Support our National Accounts with such items as order entry, contracts and billing.

**Technical Training Facility:** Provides our technicians with the best training to ensure your products work proficiently all the time.

**bizhub Image Center:** Provides the facility with on demand printing, utilizing the latest bizhub products and software

As you can see, our bizhub Customer Care Center was designed specifically with you, our customer, in mind.









**SSD**

**SOLUTIONS SUPPORT &  
DEVELOPMENT *GROUP***

**One Team**

**One Vision**

**One Goal**